Draft Environmental Impact Report Volume II

Rio del Valle Middle School Existing Campus Expansion Master Plan County of Ventura, California SCH# 2022060117

Prepared for:

Rio School District
1800 Solar Drive
Oxnard, California 93030

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October 7, 2022

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A NOP/IS, SCOPING MEETING MATERIALS, AND COMMENT LETTERS RECEIVED

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NOTICE OF PREPARATION (NOP)
OF AN ENVIRONMENTAL IMPACT REPORT AND
NOTICE OF PUBLIC SCOPING MEETING
RIO DEL VALLE MIDDLE SCHOOL EXISTING CAMPUS EXPANSION MASTER PLAN

Notice Is Hereby Given to all interested parties that Rio School District (RSD), as the lead agency, will prepare an environmental impact report (EIR) for the proposed Rio del Valle Middle School (RDV) Campus Expansion Master Plan Project. This is the time and place for comments regarding the scope and content of the EIR, as it is in an area of interest to you and/or the organization or agency you represent. You/your agency may need to refer to the EIR prepared by RSD when considering your permit or other approval for the proposed project.

The scoping process is intended to provide RSD with the information the public is of the opinion necessary to establish the appropriate scope for preparing the EIR. Please submit your comments, input, suggestions for project alternatives, and any other pertinent information that may enable us to prepare a comprehensive EIR for the proposed project. The Notice of Preparation (NOP) comment period begins on **June 7, 2022 and ends on July 6, 2022**. Due to the time limits mandated by Section 15082 of the State CEQA Guidelines, your response must be sent at the earliest possible date, but not later than 30 days after receipt of the notice. Please identify a contact person for your agency in your response.

Please submit written comments to:
Wael Saleh, C.P.A, M.B.A
Assistant Superintendent, Chief Business Official
Rio School District
1800 Solar Drive,
Oxnard, CA 93030

Or by email to:
wsaleh@rioschools.org

with copies to Sage Realty Group, attn: Dr. Joel Kirschenstein, at joel@sagerealtygroup.com.

Project Title: Rio del Valle Middle School Campus Expansion Master Plan

Project Location: The proposed project includes the expansion of the RDV campus located at 3100 Rose Avenue in unincorporated County of Ventura. The existing campus is approximately 30.2 acres, including the 20.2-acre main campus (APN 144-0-110-445) and 10 acres of active agricultural lands (a portion of APN 144-0-110-225) to the north of the main campus buildings. The proposed project would add approximately 11.1-acres to the south (a portion of APN 144-0-110-590) that the District proposes to develop with new educational and support facilities, resulting in an approximately 41.3-acre campus (project Site). The geographic coordinates of the Site are approximately Latitude 34° 14' 2.39" North, Longitude 119° 9' 10.61" West.

Surface elevations at the Site are approximately 92 feet above mean sea level. The project Site is generally surrounded by agricultural lands and residential uses to the north, agricultural lands to the east, commercial uses (car dealerships) to the south, and residential uses to the west. Primary access to the project Site is off Rose Avenue.

Project Description: RSD proposes to implement the RDV Campus Enhancement Master Plan (proposed project) to meet the educational, recreational, and parking and support facilities needs of District students at RDV. The Master Plan includes improvements to the existing RDV campus and development of approximately 11.1-acres to the south of the existing campus. The proposed project includes development within the expanded campus which would occur in phases and would include options for: new classrooms, library and media center, transportation and parking facilities, student bus turnout, recreational facilities including two baseball fields, softball field, physical education (P.E.) and lunch play field, four sand volleyball courts, jogging path, an athletic restroom/storage building, and up to ten tennis courts and/or handball courts. The buildout of the RDV Campus Master Plan is anticipated to occur over approximately 5 years.

Topics Identified for Study in an EIR. RSD prepared an Initial Study (IS). Based on the environmental review contained in the IS, RSD determined that implementation of the proposed project may have a significant effect on the environment and an EIR is required. The EIR will be prepared to evaluate potentially significant impacts related to the following issues:

- Aesthetics
- Agriculture and Forestry Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Geology/Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology/Water Quality
- Land Use/Planning
- Mineral Resources
- Noise
- Public Services
- Transportation
- Tribal Cultural Resources
- Utilities/Service Systems

Based on the analysis contained within the IS, impacts related to Energy, Population/Housing, Recreation, and Wildfire are anticipated to be less than significant. Therefore, these topics will not be studied in detail in the EIR. While the remaining issues, aside from Agriculture, are expected to not be significant or with mitigation can be reduced to less than significant, additional analysis and/or studies are needed to substantiate that determination. The District would note that the proposed project intends to mitigate on-site and off-site parking issues.

Scoping Meeting: RSD will conduct a public scoping meeting for the proposed project. The purpose of the scoping meeting is to solicit and receive public comment and input regarding the appropriate scope and content in the preparation of the EIR. Participation in the public meeting by agencies, organizations, and persons is encouraged.

The Scoping Meeting for the EIR for the RDV Campus Expansion Master Plan Project is scheduled for **June 23, 2022, at 6:30 p.m.** at the District Office Board Room, 1800 Solar Drive, Oxnard, CA 93030. In addition to the public scoping meeting, comments can also be submitted in writing, attention: Wael Saleh, at the address provided above.

Document Availability: The NOP and IS are both available for public review at RSD, 1800 Solar Drive, Oxnard, CA 93030 and at the Downtown Main Library, 251 South A Street, Oxnard, CA 93030 during normal business hours. They are also posted online on the District's website at: https://rioschools.org/.

Initial Study
Rio del Valle Middle School Existing Campus Expansion Master Plan
County of Ventura, California

June 6, 2022

PREPARED BY:

Rio School District
1800 Solar Drive
Oxnard, CA 93030

In Association With:

SRG 1
2945 Townsgate Road, Suite 200
Westlake Village, CA 91361

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1.0 PROJECT DESCRIPTION AND ENVIRONMENTAL SETTING

Project title:	Rio del Valle Middle School Existing Campus Expansion Master Plan
Lead agency name and address:	Rio School District 1800 Solar Drive Oxnard, CA 93030
Contact person and phone number:	Joel Kirschenstein, SRG 1 (805) 377-3999 Wael Saleh, C.P.A., M.B.A., Assistant Superintendent/Chief Business Official (805) 485-6302, Ext. 2130
Project location:	Northeast of Rose Avenue and Collins Street
Assessor Parcel Number (APN):	APNs 144-0-110-445, 144-0-110-225, and 144-0-110-590
Project sponsor's name and address:	Rio School District 1800 Solar Drive Oxnard, CA 93030
City of Oxnard General Plan Designation:	Agriculture and School
Ventura County General Plan Designation	Agriculture and Very Low Density Residential
El Rio / del Norte Area Plan Designation (embedded as part of General Plan)	Agriculture (40 AC Min.) and Institutional (10 AC Min.)
Ventura County Zoning Designation:	RE-20,000 S.F. AE-40 ac/MRP AE-40 ac/MRP
Surrounding land uses:	North: Residential and Agricultural land East: Agricultural land South: Commercial (car dealerships) West: Residential
Planned and Pending Projects in the Site Vicinity (City of Oxnard 2022a):	Rio Urbana Maulhardt/Stiles NECSP Sub-Neighborhood Plan Riverpark

1.1 RIO SCHOOL DISTRICT

Rio School District (RSD or the District) serves the unincorporated community of El Rio, the Riverpark development, and portions of the City of Oxnard. The District strives to provide world-class education to its students through five elementary schools, two K-8 school academies, and two middle schools. Since its beginnings as a one-room schoolhouse in 1885, RSD has been the center of the community for all of the families it has served. Today, the

District continues its tradition of caring for each student. Through teaching excellence, close working relationships, and community business and government partnerships, RSD inspires students and employees to strive to be lifelong learners who are engaged in the community (RSD 2021). Table 1-1 shows a list of the nine RSD schools and their existing enrollment.

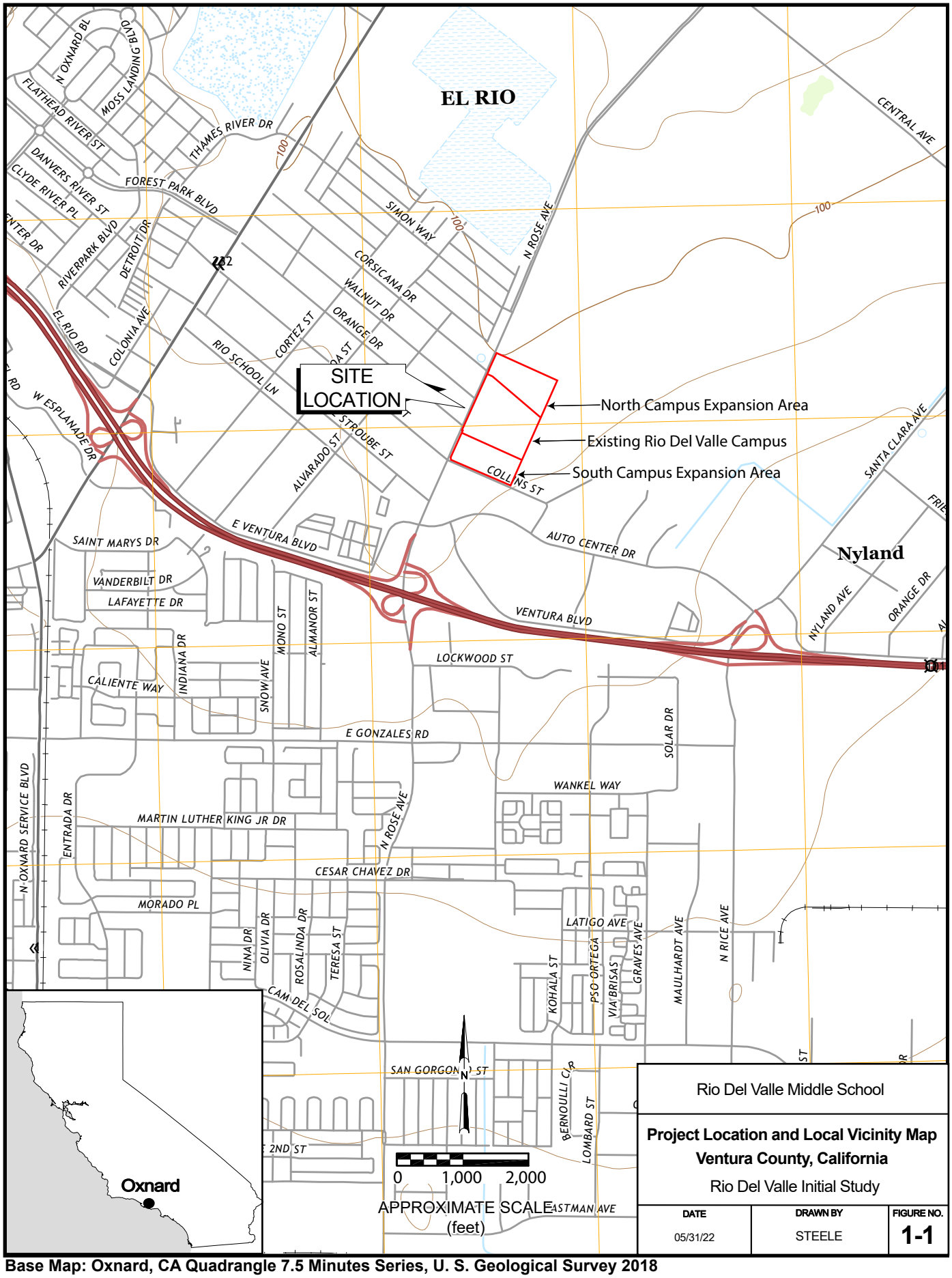
Table 1-1. Rio School District Schools

School	Existing Enrollment*
Elementary	
Rio del Mar	403
Rio del Norte	472
Rio Lindo	486
Rio Plaza	556
Rio Rosales	500
K-8	
Rio Real	682
Rio del Sol	703
Middle Schools	
Rio del Valle	819
Rio Vista	696
Total	5,317

**2019-20 Existing Enrollment Data from the California Department of Education (CDE 2021).*

1.2 PROJECT LOCATION

The proposed project includes the expansion of the Rio del Valle Middle School (RDV) campus and related programs located at 3100 Rose Avenue in unincorporated County of Ventura (Figure 1-1). The primary access to the main campus is off Rose Avenue. The existing campus is approximately 30.2 acres, including the 20.2-acre main campus (APN 144-0-110-445) and 10 acres of active agricultural lands (a portion of APN 144-0-110-225) to the north of the main campus buildings. The proposed project would add approximately 11.1-acres to the south (a portion of APN 144-0-110-590) that the District proposes to develop with new educational and support facilities, resulting in an approximately enhanced 41.3-acre campus (project Site). The District is currently in escrow to acquire the southern campus expansion area. At least two parcels (southern campus expansion area and main campus), if not all three parcels associated with the proposed project are proposed for annexation into the City of Oxnard. The geographic coordinates of the project Site are approximately Latitude 34° 14' 2.39" North, Longitude 119° 9' 10.61" West (Google Earth Pro 2021). Surface elevations at the Site are approximately 92 feet above mean sea level (EDR 2021). The project Site is generally surrounded by agricultural lands and residential uses to the north, agricultural lands to the east, commercial uses (car dealerships) to the south, and residential uses to the west, as shown in Figure 1-2. The land use designations for the project Site are identified in Table 1-2. The District remains open to annexing the entire RDV campus (all three parcels) into the City of Oxnard.

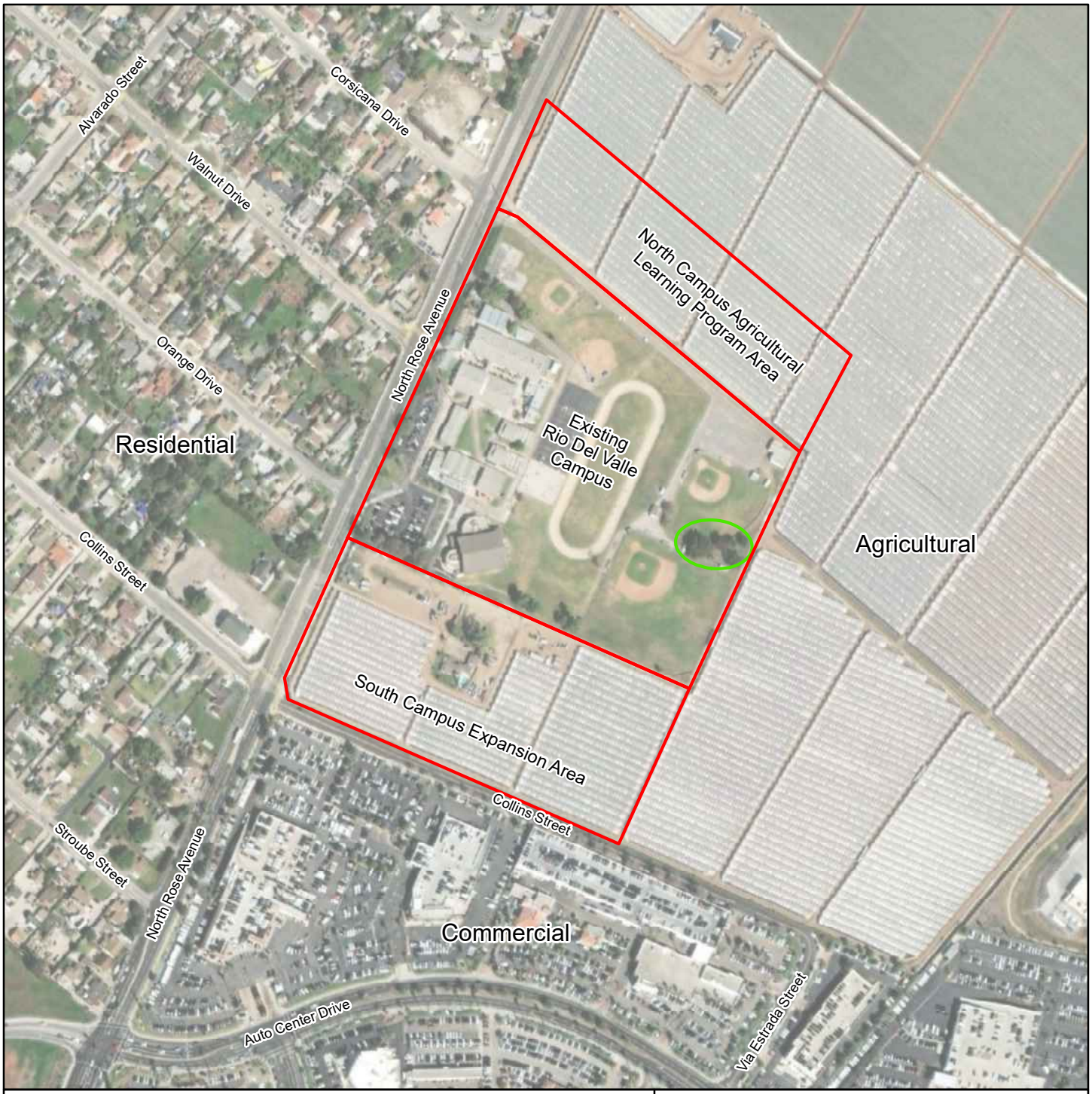


Rio Del Valle Middle School

Project Location and Local Vicinity Map
Ventura County, California
Rio Del Valle Initial Study

DATE	DRAWN BY	FIGURE NO.
05/31/22	STEELE	1-1

Base Map: Oxnard, CA Quadrangle 7.5 Minutes Series, U. S. Geological Survey 2018



Legend

- Project Boundary
- Existing Mature Oak Trees

N
W E
S

0 200 400 800 Feet

Data Sources: ESRI, Ventura County, Tetra Tech
Background: ESRI World Imagery Service

Rio Del Valle Middle School

Current and Surrounding Land Uses, Ventura County, California

Rio Del Valle Initial Study

DATE	DRAWN BY	MAP NO.	FIGURE
05/31/2022	BURSON/ STEELE	10911	**1-2**

Table 1-2. Project Site Land Use Designations

Parcel	Ventura County General Plan Land Use Designation	Ventura County Zoning Designation	County SOAR	Oxnard-Camarillo Greenbelt	City of Oxnard General Plan Land Use Designation
Agricultural Learning Program/North Campus 144-0-110-225 (Portion)	Agricultural	AE-40 ac/MRP	Yes	Yes	Agriculture
Main Campus 144-0-110-445	Very Low Density Residential	RE-20,000 S.F.	No	No	School
Southern Campus Expansion 144-0-110-590 (Portion)	Agricultural	AE-40 ac/MRP	Yes	Yes	Agriculture

As of January 2022, planned and pending projects in the Site vicinity include Rio Urbana, the Maulhardt/Stiles NECSP Sub-Neighborhood Plan, various projects falling under the greater Riverpark development, and multiple commercial and industrial projects. The City of Oxnard currently states 290 planned and pending projects; a vast majority of these occur outside of the RDV attendance boundary. The Riverpark development, Rio Urbana, and the Maulhardt/Stiles NECSP Sub-Neighborhood Plan are the three pending projects that could directly affect the project proposed herein. The projects have the potential to bring in additional student population to the City through new residential units. While the commercial and industrial projects in the Site vicinity may add available jobs and consumer appeal to the area, these projects will not directly add permanent population and housing that would affect RSD and its student body (City of Oxnard 2022a, RSD 2021). District-wide individual school boundary adjustments will be made as needed in the future, and the proposed project will improve the District's ability to accommodate an increased student body.

1.3 SITES CONSIDERED BUT ELIMINATED

Expansion of the existing RDV campus as represented has been determined as the best option for increased middle school education service within the RSD attendance boundary. RSD has two existing middle schools: RDV and Rio Vista. There is no adjacent land available to expand the Rio Vista campus. RDV was selected because adjacent land was available to purchase by RSD for the campus expansion. Additionally, nine of the District's 14 buses are used for RDV student transportation, and RDV has an urgent need for bus parking facilities and improvements to student drop-off and pick-up accessibility and safety conditions on Site. The expanded campus, accessed from Rose Avenue and Collins Street, will inherently create the necessary parking facilities, and improve campus vehicle safety.

One of the six sites identified in the Oxnard General Plan for future school sites is currently being constructed as Del Sol High School (Oxnard Union High School District); the other five sites were determined demographically unacceptable for the proposed project, as they are outside of the current RSD attendance boundary, would create additional traffic impacts due to added vehicle and bus trips and increased travel time, and are not affordable to the District at this time. Additionally, expansion of the existing RDV Site is most cost effective, and District-wide individual school attendance boundary adjustments will be made as needed in the future. Further discussion on sites considered but eliminated will occur in the Environmental Impact Report (EIR) for the proposed project.

1.4 PROJECT OBJECTIVES

The objectives of the proposed project include the following:

A. Address significant community health, safety, and welfare issues including congested traffic and parking conditions;

B. Streamline District student transportation to improve safety and reduce vehicle miles traveled (VMT) and mitigate existing on-Site and off-Site parking impacts;

C. Accommodate existing and projected future student enrollment within the District;

D. Locate school facilities within close proximity to students' residences;

E. Provide new facilities that meet the District's educational program specifications;

F. Consolidated facilities that reflect the need and efficient use of limited land resources; and

G. Ensure cost-effective use of State and local public resources funding sources.

1.5 PROJECT DESCRIPTION

RSD proposes to implement the RDV Campus Expansion Master Plan (proposed project) to meet the immediate educational, recreational, and support facilities needs of District students. Enrollment within the District has been increasing and additional facilities are needed now to accommodate the students. The District is currently in escrow to acquire approximately 11.1 acres to the south of the existing campus that would extend the existing RDV campus boundary to Collins Street. This would increase the campus area to approximately 41.3 acres. The proposed project includes development within the expanded campus which would occur in two phases, as detailed below, and would include options for: new classrooms, library and media center, transportation and parking facilities, recreational facilities including a 320-meter track, flag football field, six basketball courts, two baseball fields, softball field, physical education (P.E.) and lunch play field, four sand volleyball courts, two soccer fields, jogging path, an athletic restroom/storage building, and up to ten tennis courts and/or handball courts. Figure 1-3 shows the Conceptual Site Master Plan. This plan was revised in March 2022 to protect the existing stand of mature oak trees present in the eastern portion of the existing RDV main campus.

The expanded campus shall provide significant health and safety improvements, additional on-Site parking, and a bus turn out lane. Nine of the District's 14 buses are used for RDV student transportation during and after school programs; these buses would be housed on the southern 11.1-acre addition to the campus with the buildout of the proposed project.

RSD buses will remain at the current District Transportation and Parking Facility on Vineyard Avenue (former El Rio Elementary School) until June 14, 2022. On June 14, 2022, RSD buses will be moved to a temporary parking facility located at Oxnard School District Transportation Center (near 516 W. Wooley Road). This temporary bus parking location will be utilized until bus parking facilities included as part of the proposed project at RDV become available; temporary bus parking per the interim joint use agreement approved at the District board meeting on March 16, 2022, is anticipated for a period of one year pursuant to the District's current agreement with the Oxnard School District. The temporary parking facility located at Oxnard School District Transportation Center is not considered part of the proposed project, and therefore is not analyzed for significant environmental impacts in this Initial Study. RSD would have lost access to the current District Transportation and Parking Facility on Vineyard Avenue in June 2022, regardless of the proposed project.



LAND USE DATA

OVERALL CAMPUS EXPANSION SUMMARY

EXISTING RIO DEL VALLE MIDDLE SCHOOL SITE	20.2 ACRES
NORTH CAMPUS EXPANSION AREA	10.0 ACRES
SOUTH CAMPUS EXPANSION AREA	11.1 ACRES
TOTAL AREA:	41.3 ACRES

PROPOSED BUILDINGS/STRUCTURES

ACADEMIC & INSTRUCTIONAL BUILDINGS	
CLASSROOMS (x8)	12,000 S.F.
LIBRARY & MEDIA CENTER	5,400 S.F.
MULTI PURPOSED BUILDING	5,400 S.F.
PHYSICAL EDUCATION CLASS 'A'	1,152 S.F.
PHYSICAL EDUCATION CLASS 'B'	1,152 S.F.
MAINTENANCE & OPERATIONS BUILDINGS:	
MAINTENANCE BUILDING	7,500 S.F.
EXISTING BUILDING	±3,130 S.F.
PORTABLE #1	1,080 S.F.
PORTABLE #2	1,080 S.F.
RESTROOMS	528 S.F.
ATHLETIC BUILDINGS	
RESTROOMS/STORAGE BUILDING	1,900 S.F.
TOTAL BUILDING AREA PROPOSED:	37,192 S.F.
EXISTING/RE-PURPOSED STRUCTURES:	±3,130 S.F.
GRAND TOTAL:	40,322 S.F.

PROPOSED FIELDS/ATHLETIC FACILITIES

320 METER TRACK
FLAG FOOTBALL FIELD
BASEBALL FIELDS (x2)
SOFTBALL FIELD
P.E. & LUNCH PLAY FIELD
SAND VOLLEYBALL COURTS (x4)
OUTDOOR BASKETBALL COURTS (x6)
TENNIS COURTS AND/OR HANDBALL COURTS (x10)
SOCCER FIELDS (x2 to 3)
400 METER JOGGING PATH

NOTE: IRRIGATION & FARMWORKER PATHS CURRENTLY IN OPERATION

PARKING DATA

PARKING LOT 'A'

STANDARD PARKING SPACES:	91 SPACES
ACCESSIBLE PARKING SPACES:	4 SPACES

PARKING LOT 'B' (EXISTING)

STANDARD PARKING SPACES:	84 SPACES
ACCESSIBLE PARKING SPACES:	6 SPACES

PARKING LOT 'C'

STANDARD PARKING SPACES:	68 SPACES
ACCESSIBLE PARKING SPACES:	4 SPACES

TRANSPORTATION & PARKING FACILITY

STANDARD PARKING SPACES:	34 SPACES
BUS PARKING SPACES:	24 SPACES
ACCESSIBLE PARKING SPACES:	2 SPACES

PARKING SUMMARY

STANDARD PARKING SPACES:	**277 SPACES**
BUS PARKING SPACES:	**24 SPACES**
ACCESSIBLE PARKING SPACES:	**16 SPACES**

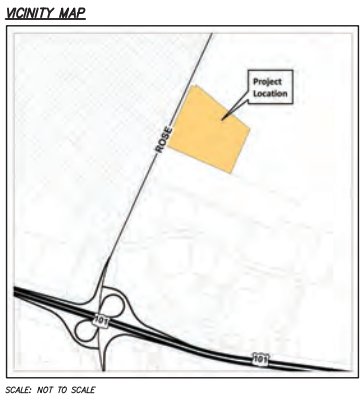
LEGEND

- CITY OF OXNARD CITY LIMITS
- CITY OF OXNARD SPHERE OF INFLUENCE
- TRANSPORTATION & PARKING AREA
- FUTURE INSTRUCTIONAL/ATHLETIC EXPANSION AREA
- AGRICULTURAL LEARNING PROGRAM AREA

NOTE

ALL TREES AND LANDSCAPE LAYOUTS SHOWN ARE CONCEPTUAL IN NATURE AND PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY.

VICINITY MAP



SCALE: NOT TO SCALE

60' 30' 0' 60' 120'
GRAPHIC SCALE: 1"=60'

Source: *Sheet 1 Rio Del Valle Middle School Expansion Plan Illustrative Concept Plan*, Jensen Design Survey, Inc. April 6, 2022.

REVISION	DATE
NORTH AREA REVS.	06-21
DESIGN DETAILS	08-21
RE-DESIGN	03-22

CLIENT: RIO SCHOOL DISTRICT

ENGINEER & LAND USE PLANNER:
JENSEN DESIGN & SURVEY, INC.
www.jdscivil.com
1672 DONLON STREET
VENTURA, CALIF. 93003
PHONE 805/654-6977
FAX 805/654-6979

Rio Del Valle Middle School

Conceptual Master Plan
Ventura County, California
Rio Del Valle Initial Study

DATE	DRAWN BY	FIGURE
05/31/22	STEELE	**1-3**

The buildout of the RDV Campus Master Plan is anticipated to occur over approximately 5 years. A comparison of existing and proposed RDV campus configuration is provided in Table 1-3.

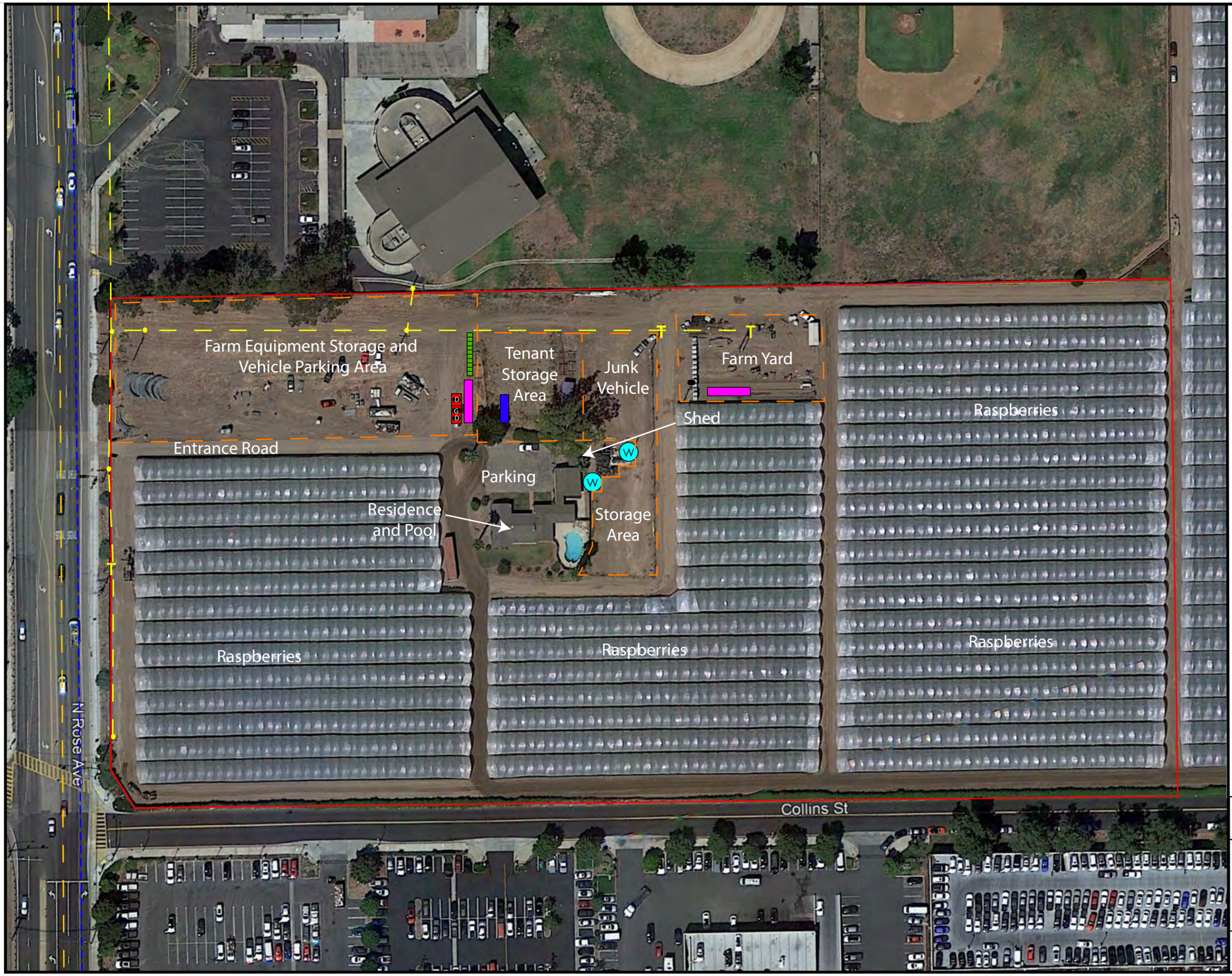
Table 1-3. Comparison of Existing and Proposed Rio del Valle Configuration

	Existing Configuration	Proposed Configuration
Student Capacity	~1,116	~1,366
Total Classrooms	39	49
Permanent Square Footage	81,024	116,882
Portable Square Footage	7,071	11,535
Total Building Square Footage	88,095	128,417
Parking Spaces	90 (84 standard and 6 accessible)	317 (277 standard, 16 accessible, and 24 bus)
Total Campus Area (Acres)	30.2	41.3

Phase I

The District proposes to annex at least two parcels (southern campus expansion area and main campus), if not all three parcels into the City of Oxnard during Phase I. Phase I activities for the proposed project will include improvements on the western portion of the south campus expansion area shown on Figure 1-3. Per the City of Oxnard Municipal Code, Chapter 21, Article III, utility undergrounding associated with the proposed project will likely be necessary, and utility undergrounding along public right of ways will likely occur as part of Phase I. Construction will start for most of the following improvements after approval of the EIR, anticipated towards the end of 2022. These construction activities are estimated to take 18 months. Phase I activities will also include replacement and relocation of some of the existing recreational facilities and parking within the existing main campus. To assist in alleviating parking and overcrowding issues, some of these facilities in the main campus will be completed in June/July 2022.

The southern campus expansion area is approximately 11.1 acres in size and is located on a portion of current APN 144-0-110-590. RDV is currently in escrow to acquire the southern campus expansion area, which would extend the existing boundary of the RDV campus south to Collins Street. The current western and eastern property lines would continue southward on their current bearings, until terminating at Collins Street. Access to the Site is proposed via driveway connections to Collins Street, from the existing campus parking lot B, and the proposed parking lot C off Rose Avenue. A 25-foot-wide access road will run from south to north providing a secondary point of access through the existing RDV parking area. The District Transportation and Parking Facility will consist of a 7,500 sq. ft. maintenance building, two 1,080 sq. ft. portable buildings, 528 sq. ft. restroom, and conversion of the approximately 3,130 sq. ft. existing residential structure located on the Site to office use by District Maintenance and Operations staff. The District Transportation and Parking Facility, including buses, can be completely closed off from the general public or staff parking areas, allowing for enhanced security and operational options. Existing utility lines are present within the southern campus expansion area. A detailed map showing current land use of the southern campus expansion area is shown in Figure 1-4.



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- Pole-Mounted Electrical Transformer
- KMS Industries, Inc. Water Well
- Reiter Brothers Storage Container
- Tenant Storage Container
- Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- 16-inch OD Steel Water Pipeline (City of Oxnard)
- 42-inch OD Steel Water Pipeline (United Water Conservation District)

0 50 100

APPROXIMATE SCALE (feet)

Rio Del Valle Middle School

Southern Parcel Current Land Use, Ventura County, California

Rio Del Valle Initial Study

DATE	DRAWN BY	FIGURE
05/31/22	STEELE	1- 4

Base Map: Google Earth Image Dated 8/19/19.

After EIR approval, if needed depending on construction phasing, an Interim Bus & District Vehicle Parking Area is proposed to be located along the Rose Avenue frontage of the southern campus expansion area and will encompass proposed Parking Lot A shown on Figure 1-3. Striping will be configured to allow for temporary bus parking in center aisle of Parking Lot A. This interim bus parking area within Parking Lot A will be used to park RDV school buses and maintenance vehicles while the permanent District Transportation and Parking Facility is under construction. Access to the interim bus parking area will provided via connection to the existing RDV campus parking. The interim bus parking area within Parking Lot A is preliminary designed to accommodate 22 bus parking spaces and 12 standard parking spaces on an approximately 1.0-acre parking surface. The construction of the Interim Bus & District Vehicle Parking Area is estimated to take six months.

Upon completion of the permanent District Transportation and Parking Facility, bus and district vehicle parking will be relocated to this new, permanent area as shown on Figure 1-3. The interim parking area within Parking Lot A will be converted to a permanent parking area to provide 91 standard and 4 accessible parking spaces for the RDV campus within 12 months.

Utility Improvements - Electrical & Lighting

Utility undergrounding associated with the proposed project will likely be necessary, and utility undergrounding along public right of ways will likely occur as part of Phase I; therefore, utility improvements associated with electrical and lighting are discussed in the Phase I text herein. Water and sewer related utility improvements associated with the proposed project will primarily occur during Phase II and are discussed below.

Southern California Edison (SCE) currently provides electrical service to RDV. SCE will provide electrical service to the proposed expansion area via new electrical secondary connection(s) and meter(s). SCE has existing 17 kilovolt (KV) overhead primary power lines located in the Rose Avenue right of way, on the eastern side of Rose Avenue along the western Site boundary. Electrical power is supplied to the southern campus expansion area from the overhead primary power lines located in the Rose Avenue right of way by a run of overhead secondary power lines routed approximately 600 feet east from Rose Avenue and approximately 55 feet south of the north boundary of the southern campus expansion area. Electrical power is also routed from this run of overhead secondary power lines to a pole on the southern boundary of the existing school campus adjacent to the Gymnasium building. There are two pole-mounted electrical transformers located along the run of overhead secondary power lines in the southern campus expansion area approximately 520 feet and 600 feet east of Rose Avenue. Another pole-mounted electrical transformer is located along the overhead primary power lines located in the Rose Avenue immediately adjacent to the western boundary of the southern campus expansion area approximately 280 feet south of the north boundary of the southern campus expansion area. While the southern campus expansion area is currently serviced by SCE with the existing secondary power lines, it is anticipated that service will be further extended from the existing SCE primary infrastructure, which is located on the same side of the street as RDV, to service the southern campus expansion area.

Recreational Facilities / Parking

In order to accommodate the increase in student populations and the associated demand on recreational facilities expected for the fall 2022 semester, the existing recreational facilities and parking will be replaced and constructed within the existing main campus. Construction on the following recreational facilities will be completed in June/July 2022: a 320-meter track, a flag football field, six basketball courts, and two soccer fields. Parking Lot C with 68 standard parking spaces and 4 accessible parking spaces will be added to the northwest corner of the existing main campus. DSA approved the Parking Lot C design and construction plans on March 15, 2022. Opportunities for use of the recreational school facilities by the community outside of school hours is planned. See Figure 1-3 for these on-Site improvements.

Phase II

Phase II activities for the proposed project will include improvements to the remaining eastern portion of the south campus expansion area, the north campus agricultural learning program area, and existing main campus. Construction will start on the following Phase II improvements in two to five years (2024 – 2027). These construction activities are estimated to take 18 to 24 months.

Agricultural Learning Program

No land use changes to the north campus agricultural learning program area are currently proposed as part of the proposed project. Approximately 10 acres on the northern portion of the project Site is currently utilized for agriculture and RSD plans to utilize the Site as an outdoor working farm "classroom." No utility expansion is proposed in this area. An outdoor lecture area and a small paved pathway are planned for this area. Possible fencing may be added for security. A Notice of Exemption (NOE) for the purchase and use of the north campus for an agricultural learning program area was filed and posted with the Ventura County Clerk on August 11, 2021; no challenges to the NOE were filed.

Classroom and Library/Media Center and Multi-Purpose Buildings

The proposed project includes the potential for construction of up to 12,000 sq. ft. for eight new classrooms and approximately 5,400 sq. ft. library/media center and 5,400 sq. ft. multi-purpose buildings. These improvements could accommodate a potential 250-student increase, expected to occur over a five-year period commencing at the earliest in the 2024/2025 school year. All these improvements are shown in Figure 1-3.

Recreational Facilities

New school and community recreational facilities would be added including two baseball field(s), softball field, P.E. and lunch play field, four sand volleyball courts, jogging path, an athletic restroom/storage building, and up to ten tennis courts and/or handball courts. The proposed project also includes two 1,080 sq. ft. portable classrooms for physical education. Opportunities for use of the recreational school facilities by the community outside of school hours is planned. See Figure 1-3 for the proposed on-Site improvements.

Utility Improvements - Water

RDV currently obtains water through three existing unique sources: The City of Oxnard, a RSD-owned and operated well, and the United Water Conservation District. Based on future direction from prospective water purveyors, as well as RSD's consultant's professional judgement, the proposed project's southern campus expansion area will obtain potable water from a new connection to the City of Oxnard water system. The anticipated point of connection would be from an existing City water line(s) located in the Rose Avenue or Collins Street right of way. An approximately 8-inch diameter water line would deliver water from the City line to the proposed southern campus expansion area. It is anticipated that the improvements proposed on the existing campus parcel will utilize connections from existing service lines. At this time, it is anticipated that the northern expansion area will continue to utilize agricultural water from current sources (well water).

Utility Improvements - Sewer

The City of Oxnard provides existing sewer service to RDV through an extension of the sewer main in Rose Avenue to the RDV Site. Sewer service is proposed to be provided to the southern campus expansion area via a new connection to the City of Oxnard sewer main, separate from the existing main campus sewer. The anticipated point of connection would be on Rose Avenue or Collins Street right of way. Sewer service for new improvements on the existing main campus will be via connecting to the existing RDV sewer Point of Connection (assuming adequate capacity).

1.6 REQUIRED PERMITS AND APPROVALS

Following this Initial Study, the forthcoming EIR will be used by RSD and responsible and trustee agencies with jurisdiction over portions of the project prior to deciding whether to approve or permit project components. A public agency, other than the lead agency, that has discretionary approval power over a project is known as a "responsible agency" as defined by CEQA Guidelines Section 15381. Anticipated permits and approvals for the proposed project are identified in Table 1-4.

Table 1-4. Anticipated Permits and Approvals (In Progress)

Agency	Permit/Approval
California Department of Education	Approval of construction plans and CDE Site Plan and Approval
California Department of General Services, Division of State Architect	Approval of construction plans and CDE Site and Plan Approval
California Department of Toxic Substance Control	Approval of Preliminary Environmental Assessment (PEA) and Supplemental Site Investigation (SSI) for Southern Campus Expansion Area
City of Camarillo	Oxnard-Camarillo Greenbelt Modification
City of Oxnard	Annexation Request, Oxnard-Camarillo Greenbelt Modification, General Plan Amendment, Zoning and Pre-zoning*
Los Angeles Regional Water Quality Control Board	Storm Water Pollution Prevention Plan
Rio School District	Approve Project (Educational Specifications, Design/Construction Funding and Associated Contract Approvals) EIR (Adopt EIR and MMRP)
Ventura County	Oxnard-Camarillo Greenbelt Modification
Ventura Local Agency Formation Commission (LAFCO)	Annexation and associated Sphere of Influence/CURB adjustments

*The District may, to the extent applicable, elect to exercise its authority pursuant to Government Code Section 53094 to overrule zoning.

1.7 CALIFORNIA NATIVE AMERICAN TRIBE CONSULTATION

Have California Native American tribes (NAT) traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, is there a plan for consultation that includes, for example the determination of significance of impacts to tribal cultural resources, procedures regarding confidentiality, etc.?

The Barbareño/Ventureño Band of Mission Indians has requested consultation under AB52. In addition, consultation will occur under SB18, Government Code Section 65352.3, for the proposed project. The District is in the process of initiating consultation with tribes, and results of consultation will be reported in the forthcoming EIR.

1.8 CALIFORNIA ENVIRONMENTAL QUALITY ACT REVIEW

In accordance with the CEQA Guidelines Section 15063, RSD has conducted an Initial Study to determine if the project may have a significant effect on the environment. The purposes of an Initial Study include providing the Lead Agency with information to use as the basis for deciding whether to prepare an EIR or a Negative Declaration. As discussed below, it has been determined that four CEQA resource issues (Energy, Population and Housing,

Recreation, and Wildfire) would not be significant and would not require further analysis in the EIR. This Initial Study determined that the proposed project may have a potentially significant impact on agricultural resources. Based on the preliminary analyses, the remaining issues are expected to not be significant or with mitigation can be reduced to less than significant; however, this conclusion may change in the EIR. Additional analysis and/or technical studies are needed to substantiate the anticipated determination, as stated in this Initial Study. The following 16 resource areas will be analyzed in detail in the respective sections of the EIR for all threshold questions not dismissed in the Initial Study: Aesthetics, Agriculture and Forest Resources, Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Land Use and Planning, Mineral Resources, Noise, Public Services, Transportation, Tribal and Cultural Resources and Utilities and Service Systems.

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2.0 ENVIRONMENTAL CHECKLIST

2.1 ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

☐ Aesthetics	☒ Agriculture and Forestry Resources	☐ Air Quality
☐ Biological Resources	☐ Cultural Resources	☐ Energy
☐ Geology/Soils	☐ Greenhouse Gas Emissions	☐ Hazards & Hazardous Materials
☐ Hydrology/Water Quality	☐ Land Use/Planning	☐ Mineral Resources
☐ Noise	☐ Population/Housing	☐ Public Services
☐ Recreation	☐ Transportation	☐ Tribal Cultural Resources
☐ Utilities/Service Systems	☐ Wildfire	☐ Mandatory Findings of Significance

2.2 DETERMINATION: (TO BE COMPLETED BY THE LEAD AGENCY)

On the basis of this initial evaluation, the following will be determined:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

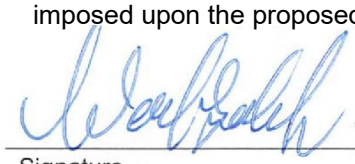
☐ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

☒ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to

that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.



June 6, 2022

Signature Date

Signature Date

Wael Saleh

Print Name

Print Name

2.3 EVALUATION OF ENVIRONMENTAL IMPACTS

(1) A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer should be explained if it is based on project-specific factors as well as general standards (e.g., the project would not expose sensitive receptors to pollutants, based on a project-specific screening analysis).

(2) All answers must take account of the whole action involved, including off-Site as well as on-Site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.

(3) Once the lead agency has determined that a particular physical impact may occur, the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect may be significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.

(4) "Negative Declaration: Less Than Significant with Mitigation Incorporated" applies when the incorporation of mitigation measures has reduced an effect from a "Potentially Significant Impact" to a "Less Than Significant Impact." The lead agency must describe the mitigation measures and briefly explain how they reduce the effect to a less than significant level (mitigation measures from "Earlier Analyses," as described in (5) below, may be cross-referenced).

(5) Earlier analyses may be used if, pursuant to tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration (Section 15063[c][3][D]). In this case, a brief discussion should identify the following:

a. Earlier Analysis Used. Identify and state where earlier analyses are available for review.

b. Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards and state whether such effects were addressed by mitigation measures based on the earlier analysis.

c. Mitigation Measures. For effects that are "Less Than Significant with Mitigation Incorporated," describe the mitigation measures which were incorporated or refined from the earlier document and the extent to which they address Site-specific conditions for the project.

(6) Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.

(7) Supporting Information Sources. A source list should be attached, and other sources used, or individuals contacted should be cited in the discussion.

(8) This is only a suggested form (AEP 2021), and lead agencies are free to use different formats; however, lead agencies should normally address the questions from this checklist that are relevant to a project's environmental effects in whatever format is selected.

(9) The explanation of each issue should identify:

a. The significance criteria or threshold, if any, used to evaluate each question; and

b. The mitigation measure identified, if any, to reduce the impact to less than significant.

2.4 ENVIRONMENTAL IMPACT ANALYSIS

2.4.1 AESTHETICS

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Except as provided in Public Resources Code Section 21099, would the project:					
a.	Have a substantial adverse effect on a scenic vista?			X	
b.	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a scenic highway?				X
c.	In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?			X	
d.	Create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area?			X	

Discussion:

a. Would the project have a substantial adverse effect on a scenic vista?

Less Than Significant Impact. In the City of Oxnard, key view corridors include local waterways, agricultural open space, beaches, mountains, and a variety of urban landscapes (City of Oxnard 2011). Visual characteristics in the project area include primarily residential development with agricultural uses, including the Oxnard-Camarillo Greenbelt. Agricultural greenbelt areas provide an important open space quality to the City of Oxnard's sphere of influence (SOI). The City's urban landscape is also considered an important aesthetic resource (City of Oxnard 2006).

The project Site is relatively flat; the main campus parcel is a developed school campus, and the north campus agricultural learning program area and southern campus expansion area are both currently used for agriculture as shown in Figure 1-2. The Site is adjacent to agricultural land to the north and east, Rose Avenue and residential land to the west, and commercial land in the form of car dealerships to the south. According to the El Rio del Norte Area Plan included within the Ventura County General Plan (Ventura County 2020a), Rose Avenue, which runs adjacent to the western project boundary, is a major roadway with scenic resources. The north campus agricultural learning program area and southern campus expansion area fall within the boundary of the Oxnard-Camarillo Greenbelt.

A stand of mature oak trees (*Quercus* sp. – some native) is present in the eastern portion of the existing school campus (see Figure 1-2); the proposed project will avoid impacts to this stand of oak trees, as shown in Figure 1-3. Any other trees removed due to the proposed project will be in compliance with City requirements, including the City's Landscape Standards (City of Oxnard 1988), and if needed, mitigation will be defined in the forthcoming EIR. Significant impacts to a scenic vista are not expected as the project is located in a predominately developed area,

however, the proposed project includes campus expansion that would require development and reduction of agricultural land within the Oxnard-Camarillo Greenbelt and alter the public view of the Site from Rose Avenue. Therefore, this conclusion may change, and mitigation may be required. This topic will be further analyzed in the EIR.

b. Would the project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

No Impact. The project Site is relatively flat; the main campus parcel is a developed school campus, and the north campus agricultural learning program area and southern campus expansion area are both currently used for agriculture. The project Site is not located adjacent to a designated State scenic highway or eligible State scenic highway, as identified on the California Scenic Highway Mapping System (Caltrans 2018). Therefore, the proposed project would not substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway and this issue will not be discussed further in the EIR.

c. In non-urbanized areas, would the project substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

Less Than Significant Impact. The project Site is relatively flat; the main campus parcel is a developed school campus, and the north campus agricultural learning program area and southern campus expansion area are both currently used for agriculture. Development of the proposed project will result in a visual change from construction and operation of the new educational facilities in the southern campus expansion area in comparison to existing conditions. Significant impacts are not expected as the project proposed project would likely be consistent with the nearby developed areas, however, the north campus agricultural learning program area and southern campus expansion area fall within the boundary of the Oxnard-Camarillo Greenbelt and are currently used for agriculture; re-zoning is anticipated as part of the proposed project. Therefore, this conclusion may change, and potential impacts to the visual character or quality of the Site and its surroundings will be analyzed further in the EIR.

d. Would the project create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?

Less Than Significant Impact. The central portion of the project Site is a developed school campus with existing associated lighting. Improvements associated with the proposed project, including the development of southern campus expansion area would include additional exterior lighting (e.g., around buildings, walkways, sports fields, and parking lots) as needed for adequate safety and security at night. In addition, it is anticipated that portions of RDV would be used outside of school hours for community recreation. It is expected that project lighting will be consistent with City and County regulations. However, as the proposed project would introduce new sources of lighting, this conclusion may change, and this topic will be further analyzed in the EIR.

2.4.2 AGRICULTURE AND FOREST RESOURCES

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment Project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:		Note: Approximately 50 percent of the proposed southern campus expansion area has not been used for agricultural for over ten years. This area contains a farmhouse, farm equipment and tenant storage areas, a vehicle parking area, and a farmyard.			
a.	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	X			
b.	Conflict with existing zoning for agricultural use, or a Williamson Act contract?			X	
c.	Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined in Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?				X
d.	Result in the loss of forest land or conversion of forest land to non-forest use?				X
e.	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?			X	

Discussion:

a. Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

Potentially Significant Impact. The City of Oxnard 2030 General Plan Program EIR (City of Oxnard 2009) accounted for the conversion of up to 2,215 acres of important farmland (defined as Prime Farmland and Farmland of Statewide Importance) to non-agricultural use and determined the impact to be significant and unavoidable. The City certified the 2030 General Plan Program EIR on October 11, 2011 that considered the possible environmental impacts of buildout to 2030: adding approximately 40,000 people to the City's population, development of all remaining vacant land within the Oxnard CURB Line; at least two parcels associated with the proposed project are proposed to be annexed to the City of Oxnard, and as such, a corresponding SOI and City Urban Restriction Boundary (CURB) adjustment would occur.

The north campus agricultural learning program area and southern campus expansion area were identified as either Prime Farmland or Farmland of Statewide Importance by the California Department of Conservation (California Department of Conservation, Division of Land Resource Protection 2018). The proposed project would convert the approximately 11.1-acre southern campus expansion area from agricultural use to develop new educational and support facilities. At least two parcels associated with the proposed project are proposed to be annexed to the City of Oxnard, it is anticipated that consultation with the Ventura County Planning division and Agricultural Commissioner for implementation of appropriate mitigation, if feasible, will occur (Ventura County 2020a).

Results of the consultation as well as further review of available resources with regard to mitigation, including but not limited to the recently released *Teal Club Specific Plan Recirculated Draft EIR* (City of Oxnard 2021a), will determine the type and/or feasibility of mitigation. Every effort will be made to mitigate potentially significant impacts to Prime Farmland and/or Farmland of Statewide Importance. Should the analyses conducted as part of the EIR determine mitigation to be feasible, the level of impact post mitigation regarding the conversion of Farmland to non-agricultural use will be determined and thoroughly discussed. Therefore, this topic will move forward to the EIR.

b. Would the project conflict with existing zoning for agricultural use, or a Williamson Act contract?

Less Than Significant Impact. The proposed project Site is not subject to any Williamson Land Conservation Act (LCA) contracts. Based on similar projects in the area, significant impacts are not expected, however, re-zoning of agricultural land is anticipated as part of the proposed project. Therefore, this conclusion may change, and this topic will be further analyzed in the EIR.

c. Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Public Resources Code section 12220(g)), timberland (as defined in Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?

No Impact. There is no forest timberland located on the project Site. Nor is the project Site zoned for timberland use as identified above. Therefore, the proposed project would not conflict with zoning for, or cause rezoning of, forest land or timberland and this issue will not be further analyzed in the EIR.

d. Would the project result in the loss of forest land or conversion of forest land to non-forest use?

No Impact. There is no forest land located on the project Site. Therefore, the proposed project would not result in the loss of forest land or conversion of forest land to a non-forest use and this issue will not be further analyzed in the EIR.

e. Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?

Less Than Significant Impact. There is no forest land located on or adjust to the project Site. Therefore, the proposed project would not individually or cumulatively result in the loss of forestland to non-forest use. The project is expected to implement appropriate and applicable policies, such as those in the County of Ventura Agriculture/Urban Buffer Policy, and appropriate and applicable recommendations, such as those in Farming Near

Schools, A Community Guide for Protecting Children (Ag Futures Alliance 2002). Based on similar projects in the area, significant impacts are not expected, however, portions of the project Site are currently used for agriculture and implementation of the proposed project would convert the southern campus expansion area to a non-agricultural use. Further review of available resources including but not limited to the recently released *Teal Club Specific Plan Recirculated Draft EIR* (City of Oxnard 2021a) will be discussed in the forthcoming EIR. Therefore, this conclusion may change, and this topic will be further analyzed in the EIR.

2.4.3 AIR QUALITY

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. Would the project:					
a.	Conflict with or obstruct implementation of the applicable air quality plan?			X	
b.	Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?		X		
c.	Expose sensitive receptors to substantial pollutant concentrations?			X	
d.	Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?			X	

Discussion:

a. Would the project conflict with or obstruct implementation of the applicable air quality plan?

Less Than Significant Impact. The project Site is located within Ventura County, and annexation of at least two parcels associated with the proposed project to the City of Oxnard is anticipated as part of the proposed project. The Ventura County Air Pollution Control District (VCAPCD) is the agency responsible for attaining federal and state clean air standards within Ventura County. To pursue improvement of air quality in Ventura County, the Ventura County Air Pollution Control Board has adopted the 2016 Ventura County Air Quality Management Plan (AQMP), which presents a comprehensive list of pollution control strategies aimed at attaining Ventura County's federal 8-hour ozone standard by 2020 as required by the Clean Air Act Amendments of 1990. These strategies are developed, in part, based on regional population, housing, and employment projections prepared by the Southern California Association of Governments and reflected in local general plans (VCAPCD 2017). A proposed project that is inconsistent with a local general plan is also inconsistent with the AQMP. A proposed project could be inconsistent with a general plan if it resulted in a land use re-designation, causing a general plan amendment and an increase in population beyond what is budgeted. Based on similar projects in the area, significant impacts are not expected, however this conclusion may change; an air quality study will be conducted for the proposed project, and this issue will be further analyzed and discussed in the EIR.

b. Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

Less Than With Mitigation Incorporated. The proposed project will result in significant cumulative impacts if it exceeds daily thresholds of significance established by VCAPCD, or if it incurs an increase of emissions beyond what is planned for in the Ventura County General Plan (Ventura 2020a). Based on similar projects in the area, significant impacts are not expected or will be reduced to less than significant with mitigation. Nonetheless, this

conclusion may change; an air quality study will be prepared for the proposed project and this issue will be analyzed further in the EIR.

c. Would the project expose sensitive receptors to substantial pollutant concentrations?

Less Than Significant Impact. The proposed project includes campus expansion components to help meet the educational needs of District students and recreational needs of the El Rio community. The proposed project is anticipated to have a less than significant impact on sensitive receptors. Nonetheless, an air quality study will be prepared for the proposed project and this issue will be analyzed further in the EIR.

d. Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less Than Significant Impact. While the northern boundary of the project would be adjacent to agricultural fields, the types of crops grown at these fields are not anticipated to create objectionable odors. Operation of the proposed project is not expected to create objectionable odors since its primary function is to provide educational services. Nonetheless, this conclusion may change; an air quality study will be prepared for the proposed project and this issue will be analyzed further in the EIR.

2.4.4 BIOLOGICAL RESOURCES

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?		X		
b.	Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?				X
c.	Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d.	Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?		X		
e.	Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?		X		
f.	Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X

Discussion:

a. Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service?

Less Than with Mitigation Incorporated. The project Site currently consists of approximately 20.2-acres of existing school facility, 10-acres of active agricultural lands to the north and 11.1-acres to the south of the existing campus buildings. The project Site is located within an urban environment, adjacent to agricultural land to the north

and east, Rose Avenue and residential land to the west, and commercial land in the form of car dealerships to the south.

Based on current and surrounding land use, the potential for candidate, sensitive, or special-status species or habitats is low within the project Site's geographic area. A general biological survey conducted on September 22, 2021, verified that the project Site is currently used as an active middle school campus and cultivation of row crops; no native vegetation communities occur within the Site boundary. During the biological survey, a total of 53 plant species (7 native and 46 non-native) and 15 native wildlife species were observed on Site. A stand of mature oak trees (some native) is present in the eastern portion of the existing school campus (see Figure 1-2); the proposed project will avoid impacts to this stand of oak trees, as shown in Figure 1-3. Other natives such as big saltbush (*Atriplex lentiformis* – observed at the boundary of the southern parcel and Rose Avenue) and jimsonweed (*Datura wrightii* – observed behind an existing building on the school campus) observed on-Site occur mostly along parcel boundaries where there is less human disturbance. The native black sage (*Salvia mellifera*) is used in some ornamental planters on the existing RDV campus Site. Wildlife observed throughout all portions of the project Site included species such as dark-eyed junco (*Junco hyemalis*), Cassin's kingbird (*Tyrannus vociferans*), western meadowlark (*Sturnella neglecta*), and California ground squirrel (*Spermophilus beecheyi*).

A query of the California Department of Fish and Wildlife (CDFW) California Natural Diversity Database (CNDDB) was conducted to determine the known locations of any special-status species or habitats (sensitive, threatened, endangered, rare, or candidate species) within and surrounding the project Site. The special-status species presented in Table 2-1 are those with any chance of potentially occurring within or adjacent to the project Site based on regional occurrence and habitat present on the project Site (CDFW 2021). Due to the current land use of the Site and plant list established during the general biological survey, there is no potential for special-status plants to occur on the project Site.

Table 2-1. Special-Status Wildlife Species with Potential to Occur

Common Name	Scientific Name	Federal Status / State Status	Other Status
Birds			
burrowing owl	*Athene cunicularia*	- / -	S, SSC, BCC
ferruginous hawk	*Buteo regalis*	- / -	WL, BCC
white-tailed kite	*Elanus leucurus*	- / -	S, FP
California horned lark	*Eremophila alpestris actia*	- / -	WL
American peregrine falcon	*Falco peregrinus anatum*	FD / SD	FP, BCC
Insects			
Crotch bumble bee	*Bombus crotchii*	- / CE	- / -
Mammals			
pallid bat	*Antrozous pallidus*	- / -	S, SSC
Mexican long-tongued bat	*Choeronycteris mexicana*	- / -	SSC
western mastiff bat	*Eumops perotis californicus*	- / -	S, SSC

Notes: Results based on CNDDB query for six regional quadrangles (Oxnard, Ventura, Saticoy, Santa Paula, Camarillo, Point Mugu).
BCC = USFWS Birds of Conservation Concern
CE = Candidate Endangered
FD = Federally delisted
FP = CDFW Fully Protected
S = BLM Sensitive Species
SD = State delisted
SSC = CDFW Species of Special Concern
WL = CDFW Watch List

While no special status species were observed during the biological Site visit, potential habitat for special status species, such as mature trees for nesting raptors and other birds and suitable burrows for burrowing owl, was observed. Direct removal of trees, use of heavy machinery, and/or significant ground disturbance during construction activities has the potential to disturb special status species, if present, and mitigation may be required; mitigation, if needed, will be defined in the forthcoming EIR. Nonetheless, this conclusion may change, and this issue will be further analyzed in the EIR.

b. Would the project have a substantial adverse impact on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or the U.S. Fish and Wildlife Service?

No Impact. The CNDDB query identified nine sensitive habitat types within a six-quadrangle search around the project Site including:

- Southern California Coastal Lagoon;
- Southern California Steelhead Stream;
- Valley Needlegrass Grassland;
- Southern Coastal Salt Marsh;
- Coastal and Valley Freshwater Marsh;
- Southern Coast Live Oak Riparian Forest;
- Southern Sycamore Alder Riparian Woodland;
- Southern Riparian Scrub; and
- California Walnut Woodland.

None of the sensitive habitats listed above occur on or within the vicinity of the project Site. The project Site is located within an urban environment, adjacent to agricultural land to the north and east, Rose Avenue and residential land to the west, and commercial land in the form of car dealerships to the south. No native vegetation communities were documented on the project Site during the general biological survey conducted on September 22, 2021. A stand of mature oak trees is present in the eastern portion of the existing RDV campus, however given the small size of the stand of trees, and the historical and current land use of the Site and vicinity, these oak trees are not considered to make up an oak woodland vegetation community on-Site. Furthermore, the proposed project will avoid impacts to this stand of oak trees, as shown in Figure 1-3. Ornamental species such as lemon scented gum (*Eucalyptus citriodora*), jacaranda tree (*Jacaranda* sp.), and rose (*Rosa* sp.) dominated the existing RDV campus Site and cultivated red raspberry (*Rubus strigosus*) dominated both the northern and southern agricultural areas. Therefore, the proposed project would have no impact on any riparian habitat or other sensitive natural community and this issue will not be discussed further in the EIR.

c. Would the project have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No Impact. During the general biological survey conducted on September 22, 2021, no jurisdictional wetlands were identified on, or directly adjacent to the project Site. Drainage features on the project Site consisted of both paved and unpaved swales/gutters, and agricultural drainage ditches. The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory identifies the nearest wetland waters occurring approximately 0.4 mile to the north of the project Site (USFWS 2021). These wetland waters include a group of excavations characterized as freshwater ponds, that are artificially flooded. Swales and gutters on the project Site serve as stormwater drainage features. Agricultural drainage ditches observed on the project Site were used and maintained strictly for agricultural crop irrigation. Drainage features on the project Site were determined to be isolated features with no connection to a navigable water (i.e., they are not adjacent to wetlands) and do not qualify as Waters of the U.S., and therefore, are

not jurisdictional wetlands under Section 404 of the Clean Water Act. Drainage features were determined to be exempt from RWQCB jurisdiction under the State wetland definition and procedures (SWRCB 2019) since they are currently used and maintained strictly for agricultural crop irrigation, were created for the purposes of irrigation water catchment, storage, and distribution, and are not part of the natural landscape. Additionally, it was determined that CDFW would not have jurisdiction of the drainage features observed, since they did not have a defined bed, bank, and channel. Neither a change in sedimentation to differentiate a bed and bank nor an ordinary high-water mark were observed in the drainage features on-Site. The proposed project would not impact any areas outside of the project Site; as such, no impacts to protected wetlands would occur and this issue will not be discussed further in the EIR.

d. Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of wildlife nursery sites?

Less Than with Mitigation Incorporated. The project Site is located within a developed urban environment. The project Site is not located within, or directly adjacent to, any known or mapped wildlife corridors or nursery sites; the Santa Clara River is the nearest established Habitat Connectivity and Wildlife Corridor and is approximately 1.5 miles northwest of the project Site (Ventura County 2019). Vegetation that is currently on-Site, particularly mature trees, may serve as potential nesting areas; one large inactive stick nest was observed in a eucalyptus tree at the southern boundary of the existing RDV campus. A stand of mature oak trees (some native) is present in the eastern portion of the existing school campus (see Figure 1-2); the proposed project will avoid impacts to this stand of oak trees, as shown in Figure 1-3. The proposed project includes facility updates and expansion that may require the removal of other trees on Site. Any trees removed due to the proposed project will be in compliance with City requirements. Mitigation may be required for the removal of trees on Site, or increased disturbance in the area; mitigation, if needed, will be defined in the forthcoming EIR. Nonetheless, this conclusion may change, and this issue will be further analyzed in the EIR.

e. Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Less Than with Mitigation Incorporated. The developed RDV campus, north campus agricultural learning program area, and southern campus expansion area all currently reside in the unincorporated County of Ventura; at least two parcels associated with the proposed project are proposed to be annexed to the City of Oxnard. Ventura County has a tree protection ordinance that applies to the pruning (beyond specified limits), removal, trenching, excavation, or other encroachment into the protected zone (5 feet outside the canopy's edge and a minimum of 15 feet from the trunk) of protected trees in unincorporated areas. In the non-coastal zone, protected trees include all oaks and sycamores 9.5 inches in circumference or larger (measured at least 4.5 feet above ground), trees of any species with a historical designation, trees of any species 90 inches in circumference or larger, and most 9.5-inch in circumference or larger native trees that are located in the Scenic Resources Protection Zone (Ventura County 2008). The City of Oxnard does not have a tree preservation policy or ordinance, however The City's urban landscape is considered an important aesthetic resource (City of Oxnard 2006). Additionally, local agencies, such as the City of Oxnard Planning Department, aid in the protection and preservation of sensitive natural resources by exercising land use controls. The Background Report of the City of Oxnard's 2030 General Plan Program EIR (City of Oxnard 2009) combined with other General Plan Elements and the Oxnard CEQA Guidelines, strive to achieve this control in defining certain goals and policies for the conservation of sensitive natural resources. A stand of mature oak trees (some native) is present in the eastern portion of the existing school campus (see Figure 1-2); the proposed project will avoid impacts to this stand of oak trees, as shown in Figure 1-3. The proposed project includes facility updates and expansion that may require the removal of other trees on Site. Any trees removed due to the proposed project will be in compliance with City requirements, including the City's Landscape Standards (City of Oxnard 1988). If needed, mitigation will be defined in the forthcoming EIR. Nonetheless, this conclusion may change, and this issue will be further analyzed in the EIR.

f. Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

No Impact. The project Site is not included in any state, regional, or local habitat conservation plans (CDFW 2019). The proposed project would adhere to the goals included as part of the Conservation and Open Space Element included within the Ventura County General Plan (Ventura County 2020a). Compliance with Save Our Open Space and Agricultural Resources (SOAR) initiatives are discussed as part of the Land Use and Planning impact analysis (2.4.11) for the proposed project. Therefore, no project impacts would occur, and this issue will not be discussed further in the EIR.

2.4.5 CULTURAL RESOURCES

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?		X		
b.	Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?		X		
c.	Disturb any human remains, including those interred outside of formal cemeteries?		X		

Discussion:

a. Would the project cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5?

Less Than Significant with Mitigation Incorporated. Section 15064.5(a) of the CEQA Guidelines generally defines a historical resource as one that is (a) listed in, or eligible for listing in, the California Register of Historical Resources, (b) listed in a local register of historical resources, (c) identified as significant in a historical resource survey (meeting the requirements of Section 5024.1(g) of the Public Resources Code [PRC]), or (d) determined to be a historical resource by a project's lead agency. Cultural resources include historic buildings, structures, artifacts, sites, and districts of historic, architectural, or archaeological significance.

A California Historical Resources Information System (CHRIS) record search was conducted of the project Site and 0.5-mile radius via the South-Central Coastal Information Center (SCCIC), California State University, Fullerton, on November 9, 2021. The SCCIC results indicate no previously recorded historical resources are present within the project Site. Three previously conducted cultural resource surveys overlap with the project Site; these surveys were conducted over 20 years ago and are considered out of date. Review of historic topographical maps and aerial photographs indicate two historic era-built environment resources are within the project Site and are not yet formally recorded. A California Native American Heritage Commission (NAHC) Sacred Lands File Search (SLF) was submitted for the proposed project on September 8, 2021. The NAHC replied on October 13, 2021, that the SLF results were negative for the project Site.

Based on the existing Site conditions and results of the CHRIS and SLF searches, a Phase I Archaeological Survey and a Built Environment Survey will be conducted for the proposed project Site. The results of these two technical studies will be reported on in the forthcoming EIR. This conclusion may change, and this issue will be evaluated further in the EIR.

b. Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?

Less Than Significant with Mitigation Incorporated. As noted above, the CHRIS search results, conducted via the SCCIC, were negative for previously recorded archaeological resources within the project Site. Based on the desktop study, two built environment historic era resources are present within the project Site and are not yet formally recorded. Based on existing conditions, significant archaeological resources are not expected to be located on the project Site. However, a Phase I Archaeological Survey and a Built Environment Survey will be conducted

and reported on in the forthcoming EIR. This conclusion may change, and this issue will be evaluated further in the EIR.

c. Would the project disturb any human remains, including those interred outside of formal cemeteries?

Less Than Significant with Mitigation Incorporated. As noted above, the CHRIS search results were negative for previously recorded archaeological resources within the project Site. Based on existing conditions, the potential to disturb human remains is unlikely. However, a Phase I Archaeological Survey and a Built Environment Survey need to be conducted for the proposed project Site. These two technical studies related to cultural resources will be conducted and results reported in the forthcoming EIR.

Existing regulations require that if human remains and/or cultural items defined by the Health and Safety Code, Section 7050.5, are inadvertently discovered, all work in the vicinity of the find would cease and the Ventura County Coroner would be contacted immediately. If the remains are found to be Native American as defined by Health and Safety Code, Section 7050.5, the coroner will contact the NAHC by telephone within 24 hours. The NAHC shall immediately notify the person it believes to be the Most Likely Descendant (MLD) as stipulated by California PRC, Section 5097.98. The MLD(s), with the permission of the landowner and/or authorized representative, shall inspect the site of the discovered remains and recommend treatment regarding the remains and any associated grave goods. The MLD shall complete their inspection and make their recommendations within 48 hours of notification by the NAHC. Any discovery of human remains would be treated in accordance with Section 5097.98 of the Public Resources Code (PRC) and Section 7050.5 of the Health and Safety Code. A Phase I Archaeological Survey and AB52/SB18 Tribal consultation, both of which could identify the potential for human remains, will be conducted and results reported in the forthcoming EIR. This conclusion may change, and this issue will be evaluated further in the EIR.

2.4.6 ENERGY

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?			X	
b.	Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?			X	

Discussion:

a. Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less Than Significant Impact. The proposed project is intended to meet the educational, recreational, and support facilities needs of District students, and would be designed and constructed to required green building code standards and thereby the inefficient or unnecessary consumption of energy is not anticipated. According to CEQA Guidelines Appendix F, the goal of conserving energy implies the wise and efficient use of energy. The means of achieving this goal include: 1) decreasing overall per capita energy consumption; 2) decreasing reliance on natural gas and oil; and 3) increasing reliance on renewable energy resources.

Short-Term Energy Use

The construction phase associated with the proposed project is temporary, and it ends once the proposed project is built, and associated construction activities are completed. During the construction phase, energy consumption will result primarily from fuel used to power off-road construction equipment, material delivery and removal trucks, and vehicles used by employees to travel to the job Site. Construction equipment and trucks would be subject to applicable regulations which include anti-idling measures and use of efficient engines. These measures would prevent the unnecessary use of energy and inefficient equipment.

RSD buses will remain at the current District Transportation and Parking Facility on Vineyard Avenue (former El Rio Elementary School) until June 14, 2022. On June 14, 2022, RSD buses will be moved to a temporary parking facility located at Oxnard School District Transportation Center (near 516 W. Wooley Road). This temporary bus parking location will be utilized until bus parking facilities included as part of the proposed project at RDV become available; temporary bus parking per the interim joint use agreement approved at the District board meeting on March 16, 2022, is anticipated for a period of one year pursuant to the District's current agreement with the Oxnard School District. The temporary parking facility located at Oxnard School District Transportation Center is not considered part of the proposed project, and therefore is not analyzed for significant environmental effects in this Initial Study. RSD would have lost access to the current District Transportation and Parking Facility on Vineyard Avenue in June 2022, regardless of the proposed project.

There are no identified aspects of the proposed project that would incur unnecessary or inefficient use of energy. Thus, the construction of the proposed project is not anticipated to result in wasteful, inefficient, or unnecessary use of energy.

Long-Term Energy Use

The proposed project will require energy to conduct day to day operations. Energy consumption at the project Site will result from the use of electricity and potential natural gas use to power various assets including appliances, equipment, light fixtures, landscape controls and equipment. Energy consumption will also result from vehicles such as delivery trucks, school buses, and personal owned vehicles used by RDV staff and to drop off and pick up students.

The proposed project would be designed to be consistent with the City of Oxnard Energy Action Plan which implements 2030 General Plan goals and strategies and/or the energy resource goals stated in the Ventura County General Plan and constructed to require green building code standards.

RDV currently holds the largest portion of bused students within the District, and the proposed long-term bus parking on Site will minimize bus miles travelled to and from the RDV campus. Additionally, given the proximity of the proposed project to the surrounding housing developments in which the school serves, students may elect to walk to school, further minimizing vehicle trips. Therefore, the proposed project would not result in unnecessary consumption of energy resources, and this issue will not be further analyzed in the EIR.

b. Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less Than Significant Impact. The proposed project would be designed to be consistent with the City of Oxnard Energy Action Plan which implements 2030 General Plan goals and strategies, the County of Ventura 2040 General Plan Energy Resource Conservation polices and constructed to required green building code standards. Additionally, the proposed project shall be designed to comply with California requirements for energy conservation standards codified in CCR Title 24, Part 6. Therefore, the proposed project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency, and this issue will not be further analyzed in the EIR.

2.4.7 GEOLOGY AND SOILS

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
	i.) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.			X	
	ii.) Strong seismic ground shaking?			X	
	iii.) Seismic-related ground failure, including liquefaction?			X	
	iv.) Landslides?			X	
b.	Result in substantial soil erosion or the loss of topsoil?		X		
c.	Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in an on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?			X	
d.	Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?		X		
e.	Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?				X
f.	Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		X		

Discussion:

a. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:

i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

Less Than Significant Impact. The project Site is not located within a designated Alquist-Priolo Earthquake Hazard Zone (CGS 2018). There are no known active faults beneath or trending toward the Site, therefore, the probability of surface rupture due to faulting at the Site is considered low. Therefore, this issue will not be discussed further in the EIR.

ii. Strong seismic ground shaking?

Less Than Significant Impact. The *City of Oxnard General Plan Draft Background Report* (City of Oxnard 2006) indicates that even though the historic record indicates that no strong earthquakes or surface displacement have occurred along the faults in southern Ventura County in the Site area. The project would be constructed with adherence to applicable regulatory guidelines and standards reducing the potential for impacts, however, the likelihood of the occurrence of one or more of such events within the next 50 to 100 years is not remote. A preliminary geotechnical assessment will be conducted for the proposed project, and results reported in the forthcoming EIR. This conclusion may change, and this issue will be analyzed further in the EIR.

iii. Seismic-related ground failure, including liquefaction?

Less Than Significant Impact. Generally, there is a potential for liquefaction when the following three conditions are met: (1) a site is located on Holocene age, unconsolidated, coarse-grained sediments; (2) the site is in area of potentially strong ground motion; and (3) groundwater is less than 50 below ground surface (bgs). The *Seismic Hazards* Zone *Report for the Oxnard 7.5-Minute Quadrangle, Ventura County California* (CGS 2002a), *State of California Seismic Hazard Zones Oxnard Quadrangle, Revised Official Map* (CGS 2002b), and Figure 6-1 of the *City of Oxnard General Plan Draft Background Report* (City of Oxnard 2006) indicates that the Site is located in a recognized geological hazard zone for earthquake induced liquefaction. This finding in these data is based on the assumptions that the Site area is underlain by coarse grained Holocene age sediments, which are generally considered have a significant liquefaction potential, and because the depth to groundwater for the Site area is estimated to be less than 50 feet bgs. The project would be constructed with adherence to applicable regulatory guidelines and standards reducing the potential for impacts. However, the Site is located in a potential liquefaction zone. A preliminary geotechnical assessment will be conducted for the proposed project, and results reported in the forthcoming EIR. This conclusion may change, and this issue will be analyzed further in the EIR.

iv. Landslides?

Less Than Significant Impact. On the basis of Site reconnaissance performed by Tetra Tech on July 21, 2020 (Tetra Tech 2020a) and April 20, 2021 (Tetra Tech 2021a), a review of the CGS Seismic Hazards Map for the 7.5 Minute Series Oxnard Quadrangle (CGS 2002b) and Section 6.2.2 of the *City of Oxnard General Plan Draft Background Report* (City of Oxnard 2006) indicates that the project Site is not in an area prone to landslides and slope instability. Therefore, project impact is less than significant, and this issue will not be discussed further in the EIR.

b. Would the project result in substantial soil erosion or the loss of topsoil?

Less Than Significant with Mitigation Incorporated. Portions of the project Site are currently used for agriculture. The project would be constructed with adherence to applicable regulatory guidelines and standards reducing the potential for soil erosion impacts, however, soil erosion would potentially occur during construction activities,

including Site grading, structure assembly, and utility extension and additional mitigation may be required for soil erosion and the loss of topsoil. This conclusion may change, and this issue will be analyzed further. A preliminary geotechnical assessment and a drainage report will be conducted for the proposed project, and results reported in the forthcoming EIR; mitigation, if needed, will be defined in the forthcoming EIR.

c. Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslides, lateral spreading, subsidence, liquefaction, or collapse?

Less Than Significant Impact. As documented above in response 2.4.7 a. iv., the project Site is not in an area prone to landslides or slope instability. Therefore, project impact with regard to landslides and slope instability is less than significant and will not be further discussed.

As documented above in response 2.4.7 a. iii., the *Seismic Hazards* Zone *Report for the Oxnard 7.5-Minute Quadrangle* (CGS 2002a), *State of California Seismic Hazard Zones Oxnard Quadrangle, Revised Official Map* (CGS 2002b), and Figure 6-1 of the *City of Oxnard General Plan Draft Background Report* (City of Oxnard 2006) indicate that the Site is located in a recognized geological hazard zone for earthquake induced liquefaction. The project would be constructed with adherence to applicable regulatory guidelines and standards reducing the potential for impacts. However, the Site is located in a potential liquefaction zone. A preliminary geotechnical assessment will be conducted for the proposed project, and results reported in the forthcoming EIR. This conclusion may change, and this issue will be analyzed further in the EIR.

d. Would the project be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Less Than Significant with Mitigation Incorporated. The project would be constructed with adherence to applicable regulatory guidelines and standards reducing the potential for impacts, however, the expansiveness of upper project Site soils have not been evaluated by a qualified California registered geotechnical engineer and additional mitigation may be required. This conclusion may change, and this issue will be analyzed further. A preliminary geotechnical assessment will be conducted for the proposed project, and results reported in the forthcoming EIR; mitigation, if needed, will be defined in the forthcoming EIR.

e. Would the project have soils that are incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. The proposed project would not use septic tanks or alternative wastewater disposal systems and no project impact would result. Therefore, this issue will not be discussed further in the EIR.

f. Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less Than Significant with Mitigation Incorporated. Based on the review of geologic maps for the Site (Clahan 2003, Turner and Mukae 1975), the project Site is underlain at the ground surface by Holocene deltaic alluvium and wash fan deposits to approximately 70 feet bgs. These are conformably underlain by upper Pleistocene alluvial sand and gravel deposits to approximately 400 feet bgs, and the marine – non-marine clays and gravels of the Lower Pleistocene San Pedro formation to approximately 2,000 feet bgs. Older alluvial deposits, upper Pleistocene and older deposits have the potential to contain paleontological resources. Based on the estimated depth of Holocene-age deposits (to at least 70 feet bgs), surficial ground disturbance is unlikely to encounter or cause a substantial adverse change in significance to a paleontological resource (Turner and Mukae 1975). However, if project ground disturbing construction depths exceed the Holocene age deposits or grading encounters shallow Pleistocene deposits, paleontological resources may be exposed. This conclusion may change, and this issue will be evaluated further in the EIR.

2.4.8 GREENHOUSE GAS EMISSIONS

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b.	Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?			X	

Discussion:

a. Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less Than Significant Impact. The project Site is located within Ventura County, and annexation of at least two parcels associated with the proposed project to the City of Oxnard is anticipated as part of the proposed project. The VCAPCD is the agency responsible for attaining federal and state clean air standards within Ventura County. The proposed project would generate GHGs during construction and operation activities. Pursuant to state law (CEQA Guidelines 15064.7), VCAPCD is authorized to adopt thresholds of significance for GHG emissions. To date, VCAPCD has evaluated multiple options, but has not decided to adopt any of these options. Additionally, a proposed project that is inconsistent with a local general plan is also inconsistent with the Ventura County AQMP. A proposed project could be inconsistent with a general plan if it resulted in a land use re-designation, causing a general plan amendment and an increase in population beyond what is budgeted. A land use re-designation is anticipated as part of the proposed project.

RSD buses will remain at the current District Transportation and Parking Facility on Vineyard Avenue (former El Rio Elementary School) until June 14, 2022. On June 14, 2022, RSD buses will be moved to a temporary parking facility located at Oxnard School District Transportation Center (near 516 W. Wooley Road). This temporary bus parking location will be utilized until bus parking facilities included as part of the proposed project at RDV become available; temporary bus parking per the interim joint use agreement approved at the District board meeting on March 16, 2022, is anticipated for a period of one year pursuant to the District's current agreement with the Oxnard School District. The temporary parking facility located at Oxnard School District Transportation Center is not considered part of the proposed project, and therefore is not analyzed for significant environmental effects in this Initial Study. RSD would have lost access to the current District Transportation and Parking Facility on Vineyard Avenue in June 2022, regardless of the proposed project.

Based on similar projects in the area, significant impacts are not expected. Nonetheless, GHGs resulting from the proposed project will be calculated using the latest version of California Emissions Estimator Model (CalEEMod), and results reported on in the forthcoming EIR. This conclusion may change, and this issue will be further analyzed in the EIR.

b. Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Less Than Significant Impact. As noted above, a proposed project that is inconsistent with a local general plan is also inconsistent with the Ventura County AQMP. A proposed project could be inconsistent with a general plan if it

resulted in a land use re-designation, causing a general plan amendment and an increase in population beyond what is budgeted. A land use re-designation is anticipated as part of the proposed project. Based on similar projects in the area, significant impacts are not expected. Nonetheless, GHGs resulting from the proposed project will be calculated using CalEEMod, and results will be reported in the EIR. Using these results, the proposed project will be thoroughly analyzed in the EIR for potential conflict(s) with applicable plans, policies, or regulations of an agency adopted for the purpose of reducing the emissions of GHGs. This conclusion may change, and this issue will be evaluated further.

2.4.9 HAZARDS AND HAZARDOUS MATERIALS

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
b.	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?			X	
c.	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?		X		
d.	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?		X		
e.	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?			X	
f.	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
g.	Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?			X	

Discussion:

a. Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less Than Significant Impact. The proposed project would not handle or generate large quantities of hazards materials. Potential hazardous materials used on-Site include those needed during short term temporary construction activities such as architectural coatings and sealants. During long term operations, potential hazardous materials stored at the 20.2-acre main campus and southern 11.1-acre school and vehicle parking facilities area would include cleaners (e.g., disinfectants, bleach) and office supplies (e.g., toner). As is standard for schools,

these materials would be kept in cabinets or supply rooms and therefore, would not be considered a hazard to students, staff, or the public. Nonhazardous organic farming fertilizers and pesticides will continue to be used at the northern 10.0-acre parcel. No agricultural products will be stored on the northern 10.0-acre parcel. Therefore, project impact would be less than significant, and this issue will not be discussed further in the EIR.

b. Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less Than Significant Impact. The proposed project would not create a significant hazard to the public or the environment involving the likely release of hazardous materials. As noted in response 2.4.9 a) above; the proposed project would be a public school, vehicle parking areas, and organic farming area that would not handle or generate large quantities of hazardous materials. Common hazardous materials needed for routine maintenance and operations would be stored in small quantities in cabinets and supply rooms. Hazardous materials on campus would be limited and stored away from students and the public. Therefore, project impact would be less than significant, and this issue will not be discussed further in the EIR.

c. Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Less Than Significant with Mitigation Incorporated. The proposed project includes development within the expanded campus which would occur in two phases, as detailed in Section 1.5. Figure 1-3 shows the Conceptual Site Master Plan. As noted above, the expanded middle school and organic farm would not generate hazardous emissions or use materials in hazardous quantities. The new District Transportation and Parking Facility proposed as part of the project would include the handling potentially hazardous materials and substances and generate hazardous waste. There are no plans to further develop the organic farm on the northern parcel at this time. If the organic farm on the northern parcel were developed in the future, any impacts from past agricultural activities or the development would be evaluated at that time.

Radon is a naturally occurring, odorless, colorless gas produced by certain geologic materials. It is known to be a human carcinogen and can pose a cancer risk greater than one in one million in humans at concentrations equal to or greater than 4 picoCuries per liter (pCi/L). The EDR environmental database search indicated that Ventura County is in a Radon Zone 1 area. Zone 1 areas have a predicted average indoor screening level greater than 4 pCi/L. The EDR database search reported that of 18 sites listed in the California Radon database that have been tested for the zip code of 93036, one had radon at levels greater than 4 pCi/L. The Federal Area Radon Information database reported 135 sites tested for radon in the 93036-zip code. The average concentration of tested sites was 1.185 pCi/L in first floor living areas (EDR 2021). The EDR report gives a passing result for the project Site with no further action required. These findings suggest there are no health concerns related to radon at the Site.

Potential hazardous materials use and storage at the Site in the past from agriculture practices is discussed below. Because the District Transportation and Parking Facility would include the handling of potentially hazardous materials and substances and generate hazardous waste, the potential impact to the Site will be evaluated further as discussed in the EIR. This conclusion may change, and this issue will be further analyzed in the EIR.

d. Would the project be located on a site which is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Less Than Significant with Mitigation Incorporated. Based on information provided in the 2020 Phase I ESA (Tetra Tech 2020a) for the northern 10.0-acre parcel and 2021 Phase I ESA (Tetra Tech 2021a) for the southern 11.2-acre parcel, the proposed project Site would not be located on a site included on a list of hazardous material sites. A Phase I ESA has not been performed for the 20.2 main campus; however, the information reviewed for the surrounding properties in the 2020 Phase I ESA (Tetra Tech 2020a) for the northern 10.0-acre parcel and 2021

Phase I ESA (Tetra Tech 2021a) for the southern 11.2-acre parcel indicates that it is also not included on a list of hazardous material sites.

A Phase II ESA (Tetra Tech 2020b) was performed for the northern 10.0-arcre parcel to assess three recognized environmental concerns (RECs) identified in the Phase I ESA:

- REC 1: Potential former agricultural pesticide application (specifically organochlorine pesticides [OCPs] and arsenic pesticides);
- REC 2: Potential bunker oil releases from potential former smudge pot frost abatement practices; and
- REC 3: Three pole-mounted electrical transformers potentially releasing dielectric fluids with polychlorinated biphenyl (PCB) to Site soils.

The Phase II ESA results indicated that the northern parcel was slightly impacted by OCPs (specifically dieldrin) and significantly impacted by diesel range total petroleum hydrocarbons (TPHd), and crude oil range total petroleum hydrocarbons (TPHc) from past agricultural production activities. The Phase II ESA Addendum (Tetra Tech 2021b) was completed to gather additional data to define the vertical and lateral extent of OCP and TPHd and TPHc impacted soil at the northern parcel and perform a human health risk screening evaluation. The findings from the Phase II ESA Addendum indicate that the vertical and lateral extent of dieldrin and TPHd and TPHc at concentration equal to or exceeding their relevant screening levels was confined to the surface soil in the vicinity of the samples where they were detected. Information provided by Reiter Affiliated Companies (the tenant performing the organic farming at the northern parcel) indicated that it is was likely that the TPHd and TPHc detected at the northern parcel was from a non-toxic organic mineral oil based miticide used at the northern parcel. The human health risk screening evaluation results indicated that risks associated with residential exposure to maximum detections of detected pesticides in surface soil of the northern parcel are 1×10^{-6} and meets the DTSC target risk of 1×10^{-6}. Therefore, future unrestricted use of the northern parcel is supported based on the human health risk screening evaluation. Tetra Tech determined that no further action is recommended for the northern parcel for as long as the northern parcel is used for agricultural production. Therefore, this issue for the northern parcel will be not evaluated further in the EIR.

A Phase II ESA (Tetra Tech 2021c) was performed for the southern 11.2-acre parcel to assess five recognized environmental concerns (RECs) identified in the Phase I ESA:

- REC 1: Potential former agricultural pesticide application (OCPs and arsenic pesticides);
- REC 2: Potential bunker oil releases from potential former smudge pot frost abatement practices;
- REC 3: Observed vehicle-related hydrocarbon and potentially toxic metals releases to surface and near surface soil at the Site from recent storage of junk automobiles and vehicle parking at the Site;
- REC 4: Observed releases to surface and from near surface soil from two diesel and one gasoline above ground storage tanks (ASTs) at the Site; and
- REC 5: Three pole-mounted electrical transformers potentially releasing dielectric fluids with polychlorinated biphenyl (PCB) to Site soils.

The Phase II ESA results indicated that the southern parcel surface soils are impacted by total purgeable petroleum hydrocarbons (TPPH), TPHd, and hydraulic oil/motor oil total petroleum hydrocarbons (TPHh/m) released from the junk vehicles previously stored at the southern parcel and fuel storage ASTs. TPPH, TPHd and TPHh/m were detected in the southern parcel surface soils at concentrations exceeding relevant screening levels. Tetra Tech recommends that the RSD submit the Phase I ESA report (Tetra Tech 2021a) and Phase II ESA report (Tetra Tech 2021c) to the DTSC and enter the southern parcel into the DTSC Voluntary Cleanup Program (VCP). The Phase I ESA report and this Phase II ESA report should be used to support implementing potential remedies for the areas of shallow soil impacted with TPPH, TPHd and TPHh/m at concentrations exceeding the screening levels including either a Housekeeping Removal Action and/or the execution of land use covenants (LUCs). It is expected that with implementation of these remedies, any significant impacts will be reduced to less than significant; these remedies

will likely take the form of mitigation measures, which if needed, will be defined in the forthcoming EIR. This conclusion may change, and this issue particularly for the southern parcel will be evaluated further in the EIR.

e. For a project located within an airport land use plan area or, where such a plan has not been adopted, within 2 miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

Less Than Significant Impact. California Code of Regulations Title 21 requires the State Department of Transportation to review any proposed school site that is located within two nautical miles of a runway. Based on review of a Google Earth Pro 2021 and AirNav.com (AirNav.com 2021), no airports are located within two nautical miles of the Site. The Oxnard Airport is located approximately 3.3 nautical miles southwest of the Site, and the Camarillo Airport is located approximately 3.3 nautical miles southeast of the Site. The Site is located within two nautical miles of a heliport. The St John's Regional Medical Center Heliport is located approximately 0.96 nautical miles south of the Site (AirNav.com 2021). This heliport is not identified as a primary noise source in the City of Oxnard's General Plan Noise Element (City of Oxnard 2011), nor is it called out in the Ventura County General Plan (Ventura County 2020a). Therefore, this heliport would not result in a safety hazard or excessive noise for people residing or working in the project area. Therefore, project impact is less than significant, and this issue will not be discussed further in the EIR.

f. Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Less Than Significant Impact. The project Site is not located in or near a state responsibility area, nor is it within lands classified as very high fire hazard severity zones (CalFire 2007). The project Site is not located on the City of Oxnard emergency evacuation routes as shown on the City of Oxnard's Disaster Preparedness website (City of Oxnard 2022b). The project Site is not located on the County of Ventura's tsunami evacuation routes as shown on the Ready Ventura County website (Ventura County 2022). Therefore, project impact is less than significant, and this issue will not be discussed further in the EIR.

g. Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?

Less Than Significant Impact. The *Ventura County Community Wildfire Protection Plan* (Ojai Valley Fire Safe Council 2010) (VCCWFPP) was created in accordance with Healthy Forest Restoration Act (HFRA) (enacted by the U.S. Congress in 2003) to serve as a Community Wildfire Protection Plan (CWPP) to protect communities at risk from wildland fires in Ventura County. The VCCWFPP defines an "at risk community" for wildland fires as:

- One that is listed in the notice entitled "Wildland Urban Interface Communities Within the Vicinity of Federal Lands That Are at High Risk From Wildfire";
- A community in which conditions are conducive to a large-scale wildland fire disturbance event; and
- A community for which a significant threat to human life or property exists as a result of a wildland fire disturbance event.

The VCCWFPP does not identify the project Site area as a "at risk community" for wildland fires. Therefore, project impact would be less than significant, and this issue will not be discussed further in the EIR.

2.4.10 HYDROLOGY AND WATER QUALITY

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?			X	
b.	Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?			X	
c.	Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
	i.) result in substantial erosion or siltation on- or off-site;			X	
	ii.) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;			X	
	(iii.) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or			X	
	(iv.) impede or redirect flood flows?				X
d.	In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?		X		
e.	Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?			X	

Discussion:

a. Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Less Than Significant Impact. At least two parcels associated with the proposed project are planned for annexation into the City of Oxnard, and additional sewer and water service from the City of Oxnard will be needed to accommodate the proposed project. Additional connection to a sanitary sewer main which conveys domestic wastewater to the Oxnard Wastewater Treatment Plant (OWTP) is anticipated as part of the proposed project.

The City of Oxnard provides existing sewer service to RDV through an extension of the sewer main in Rose Avenue to the RDV Site. Sewer service is proposed to be provided to the southern campus expansion area via a new

connection to the City of Oxnard sewer main, separate from the existing main campus sewer. The anticipated point of connection would be on Rose Avenue or Collins Street right of way. Sewer service for new improvements on the existing RDV parcel will be via connecting to the existing RDV sewer point of connection. These connection points assume adequate capacity of existing infrastructure and OWTP, located at 6001 South Perkins Road, Oxnard, California; the assumption of adequate capacity will be verified by the forthcoming sewer calculations. The OWTP, owned and operated by the City of Oxnard, is a secondary treatment facility that collects, treats, and disposes of wastewater within its service area with a dry weather capacity of 31.7 million gallons per day. The OWTP treats and discharges wastewater pursuant to National Pollutant Discharge Elimination System required Industrial Pretreatment Program (City of Oxnard 2021b). The project would generate domestic wastewater from restroom/sink facilities, which would be treated by the OWTP. The construction and operational impacts of the project will be in accordance with a Construction General Permit Storm Water Pollution Prevention Plan (SWPPP). The proposed project's southern campus expansion area will obtain potable water from a new connection to the City of Oxnard water system. The anticipated point of connection would be from an existing City water line(s) located in the Rose Avenue or Collins Street right of way. An approximately 8-inch diameter water line would deliver water from the City line to the proposed southern campus expansion area. It is anticipated that the improvements and expansions proposed on the existing campus parcel will utilize connections from existing service lines on the current RDV campus. The northern campus agricultural learning area will continue to utilize agricultural water from the existing well water source. Based on similar projects in the area, impacts are not expected to be significant, however, this conclusion may change; additional Site-specific studies including sewer calculations and a water demand analysis will be prepared and reported in the forthcoming EIR. Therefore, this issue will be further analyzed in the EIR.

b. Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less Than Significant Impact. The proposed project is designed to meet the educational and recreational needs of students and the Rio community. Stormwater improvements are proposed as part of the project, such as a permanent storm water treatment basin adjacent to Collins Street (see Figure 1-3). Proposed Site improvements and land use changes, such as the addition of parking facilities and hardscape sports facilities, will increase impermeable surfaces on the Site. The construction and operational impacts of the project will be in accordance with a Construction General Permit Storm Water Pollution Prevention Plan (SWPPP). The proposed project's southern campus expansion area will obtain potable water from a new connection to the City of Oxnard water system. The 2015 Sustainable Groundwater Management Act (SGMA) required the establishment of a Groundwater Sustainability Agency (GSA) for each California groundwater basin, which is required to develop a Groundwater Sustainability Plan (GSP) that is submitted to the California Department of Water Resources by 2020. The GSPs are to describe the basin's sustainability goal, actions needed to achieve the goal in 20 years, a 50-year planning and implementation plan, and a monitoring program. The Fox Canyon Groundwater Management Agency (FCGMA) is the local GSA and has finalized a GSP for the Oxnard Subbasin. While the City of Oxnard is pursuing indirect potable reuse of recycled water, the City currently obtains water from three sources, which is blended to balance water quality and cost (MNS Engineers, Inc. 2018). The sources are:

- Groundwater pumped directly from the underlying aquifer, which is regulated by the FCGMA;
- Groundwater purchased from United Water Conservation District (UWCD), which is also under the FCGMA jurisdiction; and
- State Water Project water purchased from Metropolitan Water District of Southern California (MWD) as part of the local Calleguas Municipal Water District (CMWD).

Based on similar projects in the area, impacts are not expected to be significant, however, this conclusion may change; additional Site-specific studies including a water demand analysis will be prepared and reported in the forthcoming EIR. This issue will be further analyzed to confirm alignment with the goals and actions stated in the

GSP, and further evaluate the projects impact regarding groundwater. Therefore, this issue will be discussed further in the EIR.

c. Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner that would:

i. Result in substantial erosion or siltation on- or off-site;

Less Than Significant Impact. The project Site is not located adjacent to the Santa Clara River or ephemeral or perennial surface streams. Therefore, the proposed project would not alter the course of a stream or river. However, the project would result in a change in the runoff patterns in the local area because due to Site improvements and land use changes, thereby increasing the amount of hardscape on the Site and potentially increasing runoff in the area. While all phases of the project will be in accordance with a Construction General Permit SWPPP and impacts are not expected to be significant, ground disturbance during the construction phase has the potential to impact erosion or siltation on- or off-Site. A drainage report will be prepared and reported in the forthcoming EIR. This conclusion may change, and the projects effects on erosion or siltation will be discussed further in the EIR.

ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;

Less Than Significant Impact. The project Site is not located adjacent to the Santa Clara River or ephemeral or perennial surface streams. Therefore, the proposed project would not alter the course of a stream or river. Stormwater improvements are proposed as part of the project, such as a permanent storm water treatment basin adjacent to Collins Street (see Figure 1-3). The project would be designed to prevent downstream flooding, reducing impacts to less than significant. However, the project would result in a change in the runoff patterns in the local area because due to Site improvements and land use changes, thereby increasing the amount of hardscape on the Site and potentially increasing runoff in the area. A drainage report will be prepared and reported on in the forthcoming EIR. This conclusion may change, and this issue will be discussed further in the EIR.

iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or

Less Than Significant Impact. The project Site is not located adjacent to the Santa Clara River or ephemeral or perennial surface streams. Therefore, the proposed project would not alter the course of a stream or river. However, the project would result in a change in the runoff patterns in the local area because due to Site improvements and land use changes, thereby increasing the amount of hardscape on the Site and potentially increasing runoff in the area. While stormwater improvements are proposed as part of the project and impacts are not expected to be significant, this conclusion may change, and further analysis of potential impacts on the stormwater drainage system capacity is necessary. A drainage report will be prepared and reported on in the forthcoming EIR, and this issue will be discussed further in the EIR.

iv. Impede or redirect flood flows?

No Impact. According to the U.S. Department of Homeland Security Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map No. 06111C0910E, the Site is not located in a flood hazard area (FEMA 2010). Therefore, the proposed project does not have potential to impede or redirect flood flows, and this issue will not be further analyzed in the EIR.

d. Would the project, in flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

Less Than Significant with Mitigation Incorporated. According to the U.S. Department of Homeland Security Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map No. 06111C0910E, the Site is not

located in a flood hazard area (FEMA 2010). The project Site is not within a tsunami evacuation area. A seiche is very similar to a tsunami with the difference being that the water waves are generated in a closed or restricted body of water such as a lake or within a harbor. There is no record of a seiche occurring in Ventura County. Thus, the actual threat that is posed by seiches in Ventura County is small. Figure 11-5 of the *Ventura County General Plan Hazards and Safety Background Report* (Ventura County 2020b) indicates that the project Site is within the dam inundation area of the Bouquet Canyon, Castaic, and Santa Felicia dams. During an inundation event, all pollutants stored at the project Site are at risk of release to areas downstream of the project Site. As such, mitigation may be required to reduce impacts to less than significant, and if needed, mitigation measures will be defined in the forthcoming EIR. Further analysis of potential pollutants on Site and potential inundation flows as a result of reservoir failure is necessary. Therefore, this conclusion may change, and this issue will be discussed further in the EIR.

e. Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

Less Than Significant Impact. Based on similar projects in the area, impacts are not expected to be significant. However, the water supply needed for the long-term function of the project requires further evaluation, and this conclusion may change in the forthcoming EIR. Therefore, the projects effect on the current water quality control plan or sustainable groundwater management plan will be discussed further in the EIR.

2.4.11 LAND USE AND PLANNING

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Physically divide an established community?			X	
b.	Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?			X	

Discussion:

a. Would the project physically divide an established community?

Less Than Significant Impact. With implementation of the proposed project, access to the surrounding community would still be available via the existing roadway network including Rose Avenue and Collins Street. Alterations to the public roads system are not part of the proposed project. RSD proposes to transfer the existing school bus parking and workroom facilities (District Transportation and Parking Facility) from the current location on North Vineyard Avenue to the project Site. The District Transportation and Parking Facility will take primary access off Collins Road to the south of the facility via a proposed driveway. A 25-foot-wide access road will run from south to north through the District Transportation and Parking Facility, providing a secondary point of access through the existing RDV parking area. The expanded campus will provide for significant health and safety improvements, additional on-Site parking, and a bus turn out lane, which will resolve the current dangerous traffic and parking conditions that affect community members at the RDV campus. Therefore, the proposed project would not physically divide an established community and project impact would be less than significant. This issue will not be discussed further in the EIR.

b. Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

Less Than Significant Impact. The proposed project will require multiple adjustments to current land use regulations. Based on similar projects in the area, this impact is not expected to be significant, however, the proposed project includes campus expansion that would require development and reduction of agricultural land within the Oxnard-Camarillo Greenbelt. At least two parcels associated with the proposed project are proposed for annexation into the City of Oxnard. Re-zoning of agricultural land is anticipated as part of the proposed project, and compliance with all applicable LAFCo policies is anticipated. Additional land use topics to be addressed in the EIR include a potential joint-use agreement for community use of recreational facilities, SOAR, City of Oxnard SOI and CURB adjustments, and necessary permits and approvals. Consultation with LAFCo has commenced. A meeting was held on August 9, 2021, with City of Oxnard staff, Ventura LAFCo staff, and Jensen Design and Survey. This conclusion may change, and this topic will be further analyzed and discussed in the forthcoming EIR.

2.4.12 MINERAL RESOURCES

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?			X	
b.	Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?			X	

Discussion:

a. Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

Less Than Significant Impact. According to the Ventura County General Plan, mineral resources are defined as naturally occurring inorganic materials in the earth's crust that are of economic value and can be extracted. Mineral resources in Ventura County consist primarily of aggregate resources, more commonly known as construction grade sand, gravel, and stone. Other mineral resources within the County include clay, shale, gypsum, silica sand, limestone, and phosphate (Ventura County 2020a). As the project Site is located in a predominately developed area, mineral extraction activities would be unlikely at the Site. However, both the southern campus expansion area parcel and northern agricultural learning area parcel are zoned as Mineral Resource Protection (MRPs) areas by the County of Ventura. Therefore, this conclusion may change, and this topic will be discussed further in the EIR.

b. Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?

Less Than Significant Impact. As the project Site is located in a predominately developed area, mineral extraction activities would be unlikely at the Site. However, both the southern campus expansion area parcel and northern agricultural learning area parcel are zoned as Mineral Resource Protection (MRPs) areas by the County of Ventura. Therefore, this conclusion may change, and this topic will be discussed further in the EIR.

2.4.13 NOISE

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project result in:					
a.	Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X	
b.	Generation of excessive groundborne vibration or groundborne noise levels?			X	
c.	For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?			X	

Discussion:

a. Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less Than Significant Impact. The project Site is located within an urban environment, adjacent to agricultural land to the north and east, Rose Avenue and residential land to the west, and commercial land in the form of car dealerships to the south. The existing noise environment consists of vehicle noise from local street traffic primarily from Rose Avenue and Highway 101, nature sounds, sounds associated with agricultural use of adjacent lands (such as tractors and other machinery), sounds associated with school activities, and community sounds. No ambient noise monitoring data has been identified for the Project vicinity, however the Ventura County General Plan projected 2040 noise levels on Rose Avenue north of Collins Street at 50 feet from the roadway to be 67.3 dBA. The proposed project will be held to the noise compatibility standards and Community Noise Equivalent Levels (CNELs) set forth in the Ventura County General Plan (Ventura County 2020a) and/or City of Oxnard specified noise requirements.

RSD buses will remain at the current District Transportation and Parking Facility on Vineyard Avenue (former El Rio Elementary School) until June 14, 2022. On June 14, 2022, RSD buses will be moved to a temporary parking facility located at Oxnard School District Transportation Center (near 516 W. Wooley Road). This temporary bus parking location will be utilized until bus parking facilities included as part of the proposed project at RDV become available; temporary bus parking per the interim joint use agreement approved at the District board meeting on March 16, 2022, is anticipated for a period of one year pursuant to the District's current agreement with the Oxnard School District. The temporary parking facility located at Oxnard School District Transportation Center is not considered part of the proposed project, and therefore is not analyzed for significant environmental impacts in this Initial Study. RSD would have lost access to the current District Transportation and Parking Facility on Vineyard Avenue in June 2022, regardless of the proposed project.

Based on similar projects in the area, noise impacts are not expected to be significant; however, this conclusion may change in the forthcoming EIR. A noise study will be prepared to evaluate the potential impacts from the construction and operation of the proposed project related to applicable noise standards, and results will be reported in the forthcoming EIR. Therefore, this issue will be further analyzed in the EIR.

b. Would the project result in generation of excessive groundborne vibration or groundborne noise levels?

Less Than Significant Impact. Operation of the expanded school would not generate perceivable vibration levels; however, construction of the classroom buildings and Site grading would require the use of equipment that could generate significate vibration levels. Possible sources of vibration may include bulldozers, dump trucks, backhoes, rollers, and other construction equipment that produces vibration. Based on similar projects in the area, groundborne vibration impacts are not expected to be significant; however, this conclusion may change in the forthcoming EIR. A noise study will be prepared to evaluate the potential impacts from the construction and operation of the proposed project, and results will be reported in the forthcoming EIR. Therefore, this issue will be further analyzed in the EIR.

c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

Less Than Significant Impact. California Code of Regulations Title 21 requires the State Department of Transportation to review any proposed school site that is located within 2 nautical miles of a runway. Based on review of a Google Earth Pro 2021 and AirNav.com (AirNav.com 2021), no airports are located within two nautical miles of the Site. The Oxnard Airport is located approximately 3.3 nautical miles southwest of the Site, and the Camarillo Airport is located approximately 3.3 nautical miles southeast of the Site. The Site is located within two nautical miles of a heliport. The St John's Regional Medical Center Heliport is located approximately 0.96 nautical miles south of the Site (AirNav.com 2021). This heliport is not identified as a primary noise source in the City of Oxnard's General Plan Noise Element (City of Oxnard 2011), nor is it called out in the Ventura County General Plan (Ventura County 2020a). Therefore, this heliport would not result in a safety hazard or excessive noise for people residing or working in the project area and project impact would be less than significant. This issue will not be discussed further in the EIR.

2.4.14 POPULATION AND HOUSING

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?			X	
b.	Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?			X	

Discussion:

a. Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

Less Than Significant Impact. The proposed project is needed to accommodate existing and anticipated future enrollment in RSD. The project Site is located within a developed urban environment. Extensions or alterations to the public roads system are not part of the proposed project. RSD proposes to transfer the existing school bus parking and workroom facilities (District Transportation and Parking Facility) from the current location on North Vineyard Avenue to the project Site. The District Transportation and Parking Facility will take primary access off Collins Road to the south of the facility via a proposed driveway. A 25-foot-wide access road will run from south to north through the District Transportation and Parking Facility, providing a secondary point of access through the existing RDV parking area. While the educational facilities would be contained within the project Site, the City of Oxnard and/or County of Ventura may require additional street and sidewalk improvements to service the proposed project. As noted below in section 2.4.17, a traffic and circulation study will be prepared for the proposed project and potential impacts related to traffic and transportation will be evaluated in the EIR.

In general, educational facilities are growth accommodating, not growth inducing. Increased demand for school services is generally linked to changes in local land use patterns such as the construction of new dwelling units and the generation of new jobs that encourages new people to move into the area. No housing is proposed as a part of the project. The proposed project may generate some new jobs associated with the school expansion. Additional staff may include teachers, administrative, and support staff, however RDV is an existing active middle school, so new jobs associated with the proposed project would be minimal. Most or all the potential additional staff could be hired from the existing qualified applicant pool already residing within or near the District. However, if teachers or other staff are hired outside the District area to fill a specific role(s), it may result in a few new people and their families moving into surrounding neighborhoods, thus creating a slight increase in the local population. Given the location of the project Site within an existing developed urban environment, the proposed project is not anticipated to be growth inducing outside of what is anticipated in the City of Oxnard General Plan (City of Oxnard 2011) and Ventura County General Plan (County of Ventura 2020a). Therefore, project impact would be less than significant, and this issue will not be discussed further in the EIR.

b. Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

Less Than Significant Impact. The project Site currently consists of approximately 20.2-acres of existing school facility, 10-acres of active agricultural lands to the north and 11.1-acres to the south of the existing campus buildings. The southern campus expansion area has one approximately 3,130 sq. ft. existing residence, which is currently occupied. The use of this building would change with the proposed project; it is anticipated that this building would shift from residential use to office space available for District Maintenance and Operations staff. The District is currently in escrow to acquire the southern campus expansion area, and the occupants of the single-family residence would be displaced once escrow closes. While the proposed project will require multiple adjustments to current land use regulations (discussed in section 2.4.11), a substantial number of existing people or housing would not be displaced as a result of the proposed project. Therefore, a less than significant impact would occur, and this issue will not be discussed further in the EIR.

2.4.15 PUBLIC SERVICES

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
	i.) Fire protection?			X	
	ii.) Police protection?			X	
	iii.) Schools?				X
	iv.) Parks?			X	
	v.) Other public facilities?			X	

Discussion:

a. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:

i. Fire Protection?

Less Than Significant Impact. The proposed project would be designed and constructed to meet required fire protection standards including adequate emergency access. Construction would comply with OSHA and Fire and Building Codes. As a middle school expansion, operation of the proposed project would be anticipated to generate a typical range of service calls including fire suppression, emergency medical, and emergency rescue requests for service. Consultation with the City of Oxnard and/or the Ventura County Fire Department is anticipated during the EIR phase of the proposed project. Based on similar projects in the area, impacts are not expected to be significant; however, this conclusion may change. In order to incorporate information from the consultation, potential physical impacts on the environment with regard to fire protection services will be further evaluated, and this issue will be further analyzed in the EIR.

ii. Police Protection?

Less Than Significant Impact. The proposed project would be designed and constructed to ensure adequate emergency access. As a middle school expansion, operation of the proposed project would be anticipated to generate a typical range of service calls including fire suppression, emergency medical, and emergency rescue requests for service. Consultation with the City of Oxnard and/or Ventura County Police Department with regard to annexation of the three project parcels to the City of Oxnard and associated police service area boundary is anticipated as part of the proposed project. Based on similar projects in the area, impacts are not expected to be significant; however, this conclusion may change. In order to incorporate information from the consultation, potential

physical impacts on the environment with regard to police protection services will be further evaluated, and this issue will be further analyzed in the EIR.

iii. Schools?

No Impact. The proposed project includes educational facilities for an expanded middle school that is needed to accommodate existing and anticipated future enrollment in the RSD. The increased middle school capacity with the proposed project would have a beneficial impact on public school facilities. Therefore, no adverse project impact on public school facilities would result and this issue will not be further analyzed in the EIR.

iv. Parks?

Less Than Significant Impact. The proposed project is designed to meet the educational, recreational, and support facilities needs of District students and the El Rio community. Demand for park and recreational facilities are typically linked to an increase in population growth in the area through the development of new housing units or the generation of new jobs. No housing is proposed as a part of the project. The proposed project may generate some new jobs associated with the school expansion. Additional staff may include teachers, administrative, and support staff, however RDV is an existing active middle school, so new jobs associated with the proposed project would be minimal. New recreational facilities that would be added as part of the proposed project include a 320-meter track, flag football field, six basketball courts, two baseball field(s), softball field, P.E. and lunch play field, four sand volleyball courts, two soccer fields, jogging path, an athletic restroom/storage building, and up to ten tennis courts and/or handball courts. Opportunities for use of the recreational school facilities by the community outside of school hours is planned, which will likely lessen the physical impacts/demand on nearby park and recreational facilities. A potential joint-use agreement for community use of recreational facilities will be evaluated under the Land Use and Planning section of the EIR. Therefore, project impact would be less than significant, and this issue will not be further analyzed in the EIR.

v. Other Public Facilities?

Less Than Significant Impact. The proposed project would not result in substantial increased demand for other public facilities such as libraries. The proposed project is designed to meet the educational, recreational, and support facilities needs of District students and the El Rio community. Therefore, project impact is less than significant, and this issue will not be further analyzed in the EIR.

2.4.16 RECREATION

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?			X	
b.	Include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?			X	

Discussion:

a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

Less Than Significant Impact. The proposed project is designed to meet the educational, recreational, and support facilities needs of District students and the El Rio community. Demand for park and recreational facilities are typically linked to an increase in population growth in the area through the development of new housing units or the generation of new jobs. No housing is proposed as a part of the project. The proposed project may generate some new jobs associated with the school expansion. Additional staff may include teachers, administrative, and support staff, however RDV is an existing active middle school, so new jobs associated with the proposed project would be minimal. New recreational facilities that would be added as part of the proposed project include a 320-meter track, flag football field, six basketball courts, two baseball fields, softball field, P.E. and lunch play field, four sand volleyball courts, two soccer fields, jogging path, an athletic restroom/storage building, and up to ten tennis courts and/or handball courts. The proposed project will not be dependent upon City or County parks for student recreational needs. Opportunities for use of the recreational school facilities by the community outside of school hours is planned, which will likely lessen the physical impacts/demand on nearby park and recreational facilities. A potential joint-use agreement for community use of recreational facilities will be evaluated under the Land Use and Planning section of the EIR. Therefore, project impact would be less than significant, and this issue will not be further analyzed in the EIR.

b. Would the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

Less Than Significant Impact. The proposed project includes the construction of additional recreational facilities, which are planned for community use outside of school hours. As such, the physical impacts/demand on nearby recreational facilities will likely be lessened. New recreational facilities that would be added as part of the proposed project include a 320-meter track, flag football field, six basketball courts, two baseball fields, softball field, P.E. and lunch play fields, four sand volleyball courts, two soccer fields, jogging path, an athletic restroom/storage building, and up to ten tennis courts and/or handball courts. The proposed project will not be dependent upon City or County parks for student recreational needs. Additionally, according to the Civic Center Act (California Education Code 38130), every public school facility is considered a civic center where citizens, school-community councils, and clubs as well as senior, recreation, education, political, artistic, and other organizations may meet (California Legislative Information 2021). A potential joint-use agreement for community use of recreational facilities will be evaluated under the Land Use and Planning section of the EIR. Therefore, project impact would be less than significant, and this issue will not be further analyzed in the EIR.

2.4.17 TRANSPORTATION

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?		X		
b.	Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?		X		
c.	Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?			X	
d.	Result in inadequate emergency access?			X	

Discussion:

a. Would the project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?

Less Than Significant with Mitigation Incorporated. A traffic and circulation study has commenced for the proposed project. As part of this study, traffic counts at study area intersections will be collected for AM and PM peak hours. Existing data will be obtained to determine existing trip generation based on current land use. Trip generation estimates will be determined for the project Site based on anticipated enrollment increase, standard trip generation rates, and other sources. The trip generation will be coordinated with City/County staff. Trips will be distributed based on school routes and student zip code information. The traffic and circulation study will calculate intersection levels of service for existing conditions, cumulative conditions, and General Plan conditions with and without the proposed project. Based on similar projects in the area, impacts are expected to be less than significant or mitigated to less than significant; however, this conclusion may change. The traffic and circulation study will identify feasible mitigation measures where applicable, and if needed, associated mitigation measures will be defined in the forthcoming EIR. The potential for the proposed project to conflict with an applicable plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system will be evaluated further in the EIR based on the results of the traffic and circulation study.

b. Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

Less Than Significant with Mitigation Incorporated. Based on similar projects in the area, impacts are expected to be less than significant or mitigated to less than significant; however, this conclusion may change. As noted above, a traffic and circulation study has commenced for the proposed project. This technical study will include an evaluation of the proposed project's transportation impacts using the vehicle miles traveled (VMT) metric, in accordance with CEQA Guidelines section 15064.3. Therefore, this issue will be evaluated further in the EIR, where the results of the traffic and circulation study will be discussed in the forthcoming EIR.

c. Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Less Than Significant Impact. The proposed project would be designed and constructed to meet required standards including adequate emergency access. Based on similar projects in the area, impacts are expected to be less than significant; however, this conclusion may change. A review of project Site access and circulation plan, including bicyclist and pedestrian access and safety will be conducted as part of the traffic and circulation study. The project is anticipated to comply with the City's adopted Bicycle and Pedestrian Master Plan. Therefore, this issue will be evaluated further in the EIR.

d. Would the project result in inadequate emergency access?

Less Than Significant Impact. The proposed project would be designed and constructed to meet required standards including adequate emergency access. While no significant impacts to emergency access are anticipated, this conclusion may change. A review of project Site access will be conducted as part of the traffic and circulation study and the results reported in the forthcoming EIR.

2.4.18 TRIBAL AND CULTURAL RESOURCES

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:		--		
	i.) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or		X		
	ii.) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.		X		

Discussion:

a. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

i. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or

Less Than Significant with Mitigation Incorporated. As noted in Section 2.4.5, the CHRIS search results, conducted via the SCCIC, and NAHC SLF search results were negative for previously recorded archaeological and historical resources within the project Site. A Phase I Archaeological Survey and a Built Environment Survey need to be conducted for the proposed project Site. These two technical studies will be conducted, and results reported on in the forthcoming EIR.

The Barbareño/Ventureño Band of Mission Indians has requested consultation under AB52. In addition, consultation will occur under SB18, Government Code Section 65352.3, for the proposed project. The District is in the process of initiating consultation with tribes, and results of consultation will be reported in the forthcoming EIR. This conclusion may change; this issue will be evaluated further, and mitigation, if needed, will be defined in the forthcoming EIR.

ii. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

Less Than Significant with Mitigation Incorporated. As noted in Section 2.4.5, the CHRIS search results, conducted via the SCCIC, and NAHC SLF search results were negative for previously recorded archaeological and historical resources within the project Site. Based on existing conditions determined during the desktop study, significant tribal cultural resources are not expected to be located on the project Site. However, this conclusion may change. A Phase I Archaeological Survey and AB52/SB18 Native American Tribal consultation will be conducted and results reported on in the forthcoming EIR; this issue will be evaluated further, and mitigation, if needed, will be defined in the forthcoming EIR.

2.4.19 UTILITIES AND SERVICE SYSTEMS

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?			X	
b.	Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?			X	
c.	Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X	
d.	Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?			X	
e.	Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?			X	

Discussion:

a. Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Less Than Significant Impact. Implementation of the proposed project would require additional water and wastewater treatment services and other public utility connections. At least two parcels associated with the proposed project are planned for annexation into the City of Oxnard, and additional connection to a sanitary sewer main which conveys domestic wastewater to the OWTP is anticipated as part of the proposed project.

The City of Oxnard provides existing sewer service to RDV through an extension of the sewer main in Rose Avenue to the school Site. Sewer service is proposed to be provided to the southern campus expansion area via a new connection to the City of Oxnard sewer main, separate from the existing main campus sewer. The anticipated point of connection would be on Rose Avenue or Collins Street right of way. Sewer service for new improvements on the existing RDV campus parcel will be via connecting to the existing RDV sewer point of connection. These connection points assume adequate capacity of existing infrastructure and OWTP; this assumption will be verified by the forthcoming sewer calculations. The proposed project's southern campus expansion area will obtain potable water from a new connection to the City of Oxnard water system. The anticipated point of connection would be from an existing City water line(s) located in the Rose Avenue or Collins Street right of way. An approximately 8-inch diameter water line would deliver water from the City line to the proposed southern campus expansion area. It is

anticipated that the improvements and expansions proposed on the existing RDV campus parcel will utilize connections from existing service lines on the current RDV campus. The northern campus agricultural learning area will continue to utilize agricultural water from the existing well water source. SCE currently provides electrical service to RDV. SCE will provide electrical service to the proposed expansion area via a new electrical connection(s) and meter(s). SCE has existing overhead power lines located in the Rose Avenue right of way. This existing electrical infrastructure is located on the eastern side of Rose Avenue. It is anticipated that service will be extended from this existing infrastructure, which is located on the same side of the street as RDV, to the southern campus expansion area. Per the City of Oxnard Municipal Code, Chapter 21, Article III, utility undergrounding associated with the proposed project will likely be necessary. If needed, it is anticipated natural gas and telecommunication service will be extended from existing infrastructure. While it is anticipated that the proposed project can utilize connections to existing utility services and impacts associated with project demand will be less than significant, this conclusion may change. Additional Site-specific studies including sewer calculations and a water demand analysis will be prepared and reported in the EIR. Therefore, this issue will be evaluated further in the EIR.

b. Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?

Less Than Significant Impact. Implementation of the proposed project would require additional water service. At least two parcels associated with the proposed project are planned for annexation into the City of Oxnard, and the proposed project's southern campus expansion area would obtain potable water from a new connection to the City of Oxnard water system. The northern campus agricultural learning area will continue to utilize agricultural water from the existing well water source. While it is anticipated that the proposed project can utilize connections to existing utility services and impacts associated with project demand will be less than significant, this conclusion may change. Additional Site-specific studies including a water demand analysis will be prepared and reported in the EIR. Therefore, potential impacts to water supply will be evaluated further in the EIR.

c. Would the project result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less Than Significant Impact. Implementation of the proposed project would require additional wastewater treatment services. Additional connection to a sanitary sewer main which conveys domestic wastewater to the OWTP is anticipated as part of the proposed project. The City of Oxnard provides existing sewer service to RDV through an extension of the sewer main in Rose Avenue to the school Site. Sewer service is proposed to be provided to the southern campus expansion area via a new connection to the City of Oxnard sewer main, separate from the existing main campus sewer. The anticipated point of connection would be on Rose Avenue or Collins Street right of way. Sewer service for new improvements on the existing RDV campus parcel will be via connecting to the existing RDV sewer point of connection. These connection points assume adequate capacity of existing infrastructure and OWTP; this assumption will be verified by the forthcoming sewer calculations. Based on similar projects in the area, project impacts are expected to be less than significant; however, this conclusion may change. Additional Site-specific studies including sewer calculations will be prepared and reported in the EIR. Therefore, potential impacts to wastewater treatment capacity will be evaluated further in the EIR.

d. Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

Less Than Significant Impact. While it is anticipated that the City of Oxnard will provide solid waste service during operation of the proposed project through the SOI adjustment planned as part of the proposed campus expansion project, further construction and operation plan details are needed to fully assess the generation of solid waste associated with the proposed project. Evidence that adequate capacity exists within the City and/or County solid waste system for the processing, recycling, transmission, and disposal of solid waste is necessary for the proposed project. AB 341 requires California to achieve a 75 percent reduction in solid waste disposal to landfills by 2020; the requirement of disposal reduction for jurisdictions remains at 50 percent. Based on similar projects in the area,

project impacts are expected to be less than significant; however, this conclusion may change in the forthcoming EIR. Assessment of the proposed project in relation to compliance with AB 341 will occur as part of the EIR. Therefore, potential impacts with regard to generation of solid waste in excess of State or local standards, in excess of the capacity of local infrastructure, or the attainment of solid waste reduction goals will be evaluated further in the EIR.

e. Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Less Than Significant Impact. It is anticipated that the City of Oxnard will provide solid waste service during operation of the proposed project through the SOI adjustment planned as part of the proposed campus expansion project. Based on similar projects in the area, project impacts are expected to be less than significant; however, this conclusion may change. Further construction and operation plan details are needed to fully assess the generation of solid waste associated with the proposed project. Therefore, this issue will be evaluated further in the EIR.

2.4.20 WILDFIRE

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:					
a.	Substantially impair an adopted emergency response plan or emergency evacuation plan?				X
b.	Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?				X
c.	Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?			X	
d.	Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?				X

Discussion:

a. Would the project substantially impair an adopted emergency response plan or emergency evacuation plan?

No Impact. The project Site is not located in or near a state responsibility area; the Site is within the unincorporated Ventura County local responsibility area (CalFire 2007). The project Site is within a Moderate Fire Hazard Severity Zone and is not within a determined "Community at Risk." Within Ventura County, a "Community at Risk" is defined as a community within close proximity to chaparral vegetation, that if ignited, would present a high or very high hazard to nearby homes, infrastructure, and/or assets (Ojai Valley Fire Safe Council 2010). The project Site is not located in or near a state responsibility area, nor is it within lands classified as very high fire hazard severity zones. Therefore, no project impacts would occur, and this issue will not be discussed further in the EIR.

b. Would the project due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

No Impact. The project Site is not located in or near a state responsibility area, nor is it within lands classified as very high fire hazard severity zones. There are no project factors that would exacerbate wildfire risks; therefore, no project impacts would occur, and this issue will not be discussed further in the EIR.

c. Would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

Less Than Significant Impact. The project Site is not located in or near a state responsibility area, nor is it within lands classified as very high fire hazard severity zones. SCE will provide electrical service to the proposed expansion area via a new electrical connection(s) and meter(s). SCE has existing overhead power lines located in the Rose Avenue right of way. This existing electrical infrastructure is located on the eastern side of Rose Avenue. It is anticipated that service will be extended from this existing infrastructure, which is located on the same side of the street as RDV, to the southern campus expansion area. The urban infrastructure installation/expansion associated with the proposed project would not exacerbate fire risk or result in temporary or ongoing impacts to the environment. Therefore, a less than significant impact would occur, and this issue will not be discussed further in the EIR.

d. Would the project expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

No Impact. The project Site is not located in or near a state responsibility area, nor is it within lands classified as very high fire hazard severity zones. The Site is not located in a flood hazard area (FEMA 2010) or landslide area (City of Oxnard 2006) and the proposed project would not expose people or structures to significant risks such as downstream flooding or landslides. Therefore, no project impacts would occur, and this issue will not be discussed further in the EIR.

2.4.21 MANDATORY FINDINGS OF SIGNIFICANCE

		Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:					
a.	Have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?		X		
b.	Have impacts that are individually limited but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects).		X		
c.	Have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?		X		

Discussion:

a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

Less Than Significant with Mitigation Incorporated. As noted in this Initial Study analysis, several resource issues will be analyzed further in the EIR. It is unlikely that the proposed project would substantially degrade the environment for biological or cultural resources and project impacts are expected to be less than significant or mitigated to less than significant. However, this conclusion may change, and this issue will be analyzed further in the EIR. If needed, mitigation will be defined in the forthcoming EIR.

b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects).

Less Than Significant with Mitigation Incorporated. As noted in this Initial Study analysis, several resource issues will be analyzed further in the EIR. Project impacts are expected to be less than significant or mitigated to less than significant. However, this conclusion may change, and this issue will be analyzed further in the EIR. If needed, mitigation will be defined in the forthcoming EIR.

c. Does the project have environmental effects that would cause substantial adverse effects on human beings, either directly or indirectly?

Less Than Significant with Mitigation Incorporated. The proposed project would be designed and constructed to meet required safety standards. As identified in this Initial Study, several resource issues will be analyzed further in the EIR and project impacts are expected to be less than significant or mitigated to less than significant. However, this conclusion may change, and this issue will be analyzed further in the EIR. If needed, mitigation will be defined in the forthcoming EIR.

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Public Scoping Meeting for the Rio Del Valle Middle School Existing Campus Expansion Master Plan Project Environmental Impact Report

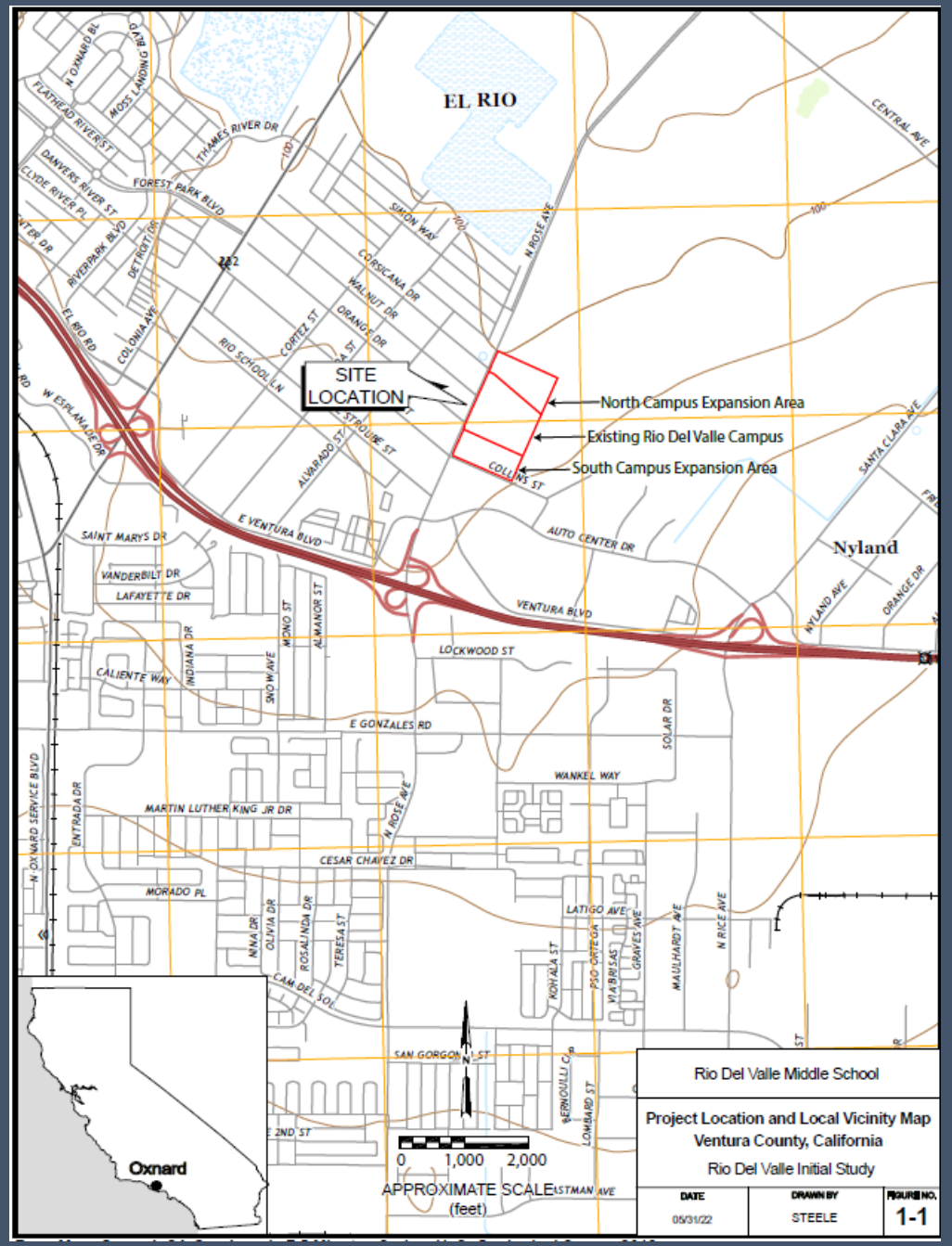
JUNE 23, 2022

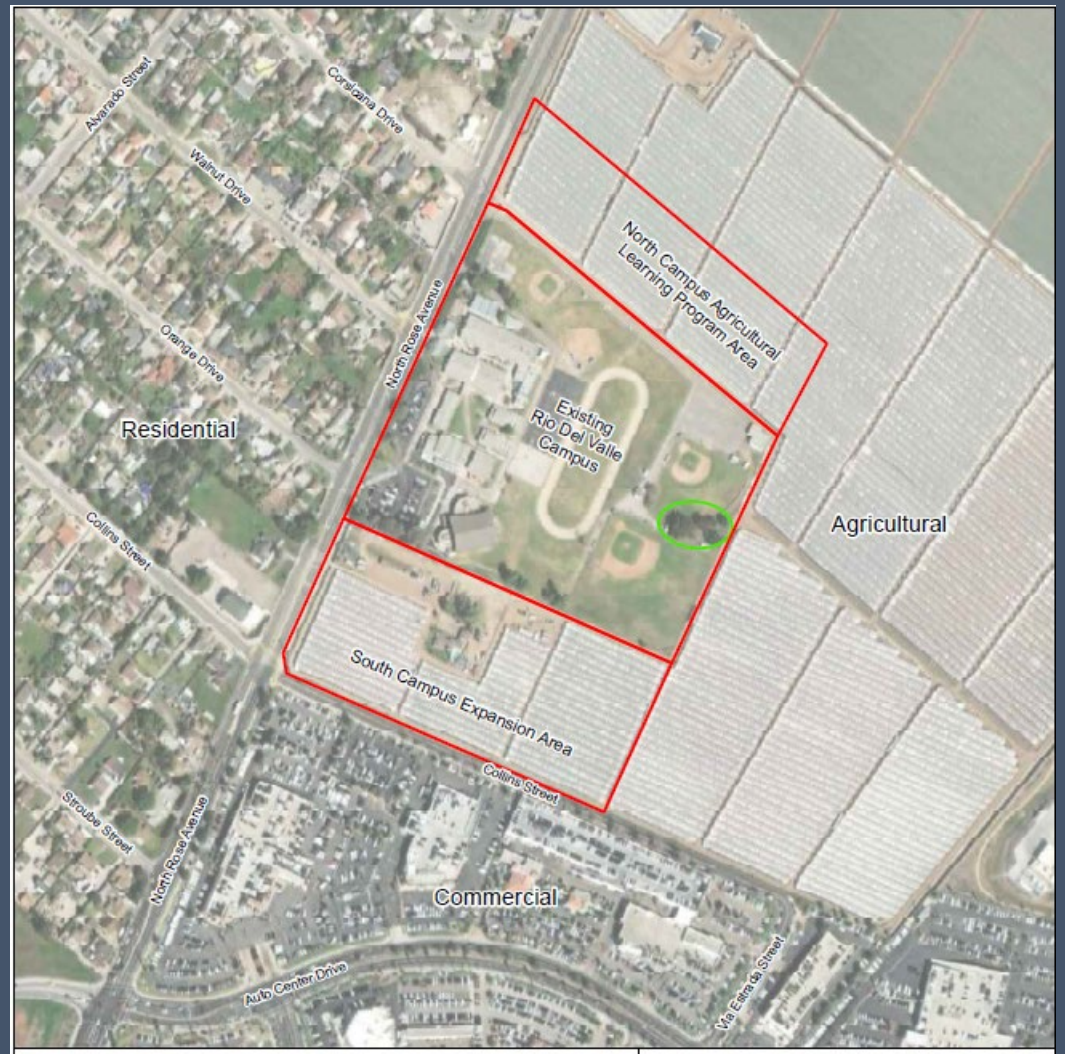
Scoping Meeting Agenda:

- Introductions
- Description of Proposed Project
- Summary of Environmental Review Process
- Public comments

Project Location

- Northeast of Rose Avenue and Collins Street, Ventura County, CA.
- Project site is located in unincorporated Ventura County.
- At least two parcels (southern campus expansion area and main campus), if not all three parcels associated with proposed project, are proposed for annexation into City of Oxnard.


EL RIO
SITE LOCATION
North Campus Expansion Area
Existing Rio Del Valle Campus
South Campus Expansion Area
Nyland
Oxnard
0 1,000 2,000
APPROXIMATE SCALE (feet)
Rio Del Valle Middle School
Project Location and Local Vicinity Map
Ventura County, California
Rio Del Valle Initial Study
DATE 05/31/22
DRAWN BY STEELE
FIGURE NO. 1-1



Legend

- Project Boundary
- Existing Mature Oak Trees

0 200 400 800 Feet

Data Sources: ESRI, Ventura County, Tetra Tech
Background: ESRI World Imagery Service

Rio Del Valle Middle School

Current and Surrounding Land Uses, Ventura County, California

Rio Del Valle Initial Study

DATE	DRAWN BY	MAP NO.	FIGURE
05/31/2022	BURSON/ STEELE	10911	1-2

Proposed Project

- Rio School District (RSD) proposes to implement the RDV Campus Expansion Master Plan (proposed project) to meet the immediate educational, recreational, and support facilities needs of District students.
- RSD is currently in escrow to acquire approximately 11.1 acres to the south of the existing campus, increasing campus area to approximately 41.3 acres.
- Proposed project includes utility connections such as water, sewer, gas, electric, data/telecommunications, and storm water collection.

Proposed Project

- Development would occur in two phases, including options for:
  - New classrooms
  - Library/Media Center and Multi-Purpose Building
  - Transportation and Parking Facilities
  - Recreational Facilities
  - Health and safety improvements (additional on-site parking, bus turn out lane, and bus housing on the southern 11.1-acre addition.


Rio Del Valle Middle School
Conceptual Master Plan
Ventura County, California
Rio Del Valle Initial Study
SCHOOL DISTRICT
STEDLE
1-3

Proposed Project

- Phase I
  - RSD proposes to annex at least two parcels (southern campus expansion area and main campus) and possibly north campus expansion area parcel into City of Oxnard.
  - Improvements on the western portion of south campus expansion area.
  - Utility undergrounding along public right of ways.
  - Replacement and relocation of some existing recreational facilities and parking within existing main campus.
  - Construction anticipated to occur over an 18-month period beginning in late 2022.

Proposed Project

- Phase II
  - Agricultural Learning Program
    - No land use changes proposed
    - Outdoor lecture area and small paved pathway
  - Classroom and Library/Media Center and Multi-Purpose Buildings
    - Potential construction of up to 12,000 sq. ft. for eight new classrooms and ~5,400 sq. ft. library/media center and 5,400 sq. ft. multi-purpose buildings.
  - Recreational Facilities
    - (two baseball fields, softball field, physical education and lunch play field, four sand volleyball courts, jogging path, athletic restroom/storage building, and up to 10 tennis courts and/or handball courts.

Proposed Project

- Phase II (cont.).
  - Utility Improvements – Water
    - Southern campus expansion area will obtain potable water from a new connection to City of Oxnard water system.
    - Existing campus parcel will continue to use water connections from existing service lines.
    - Northern expansion area will continue to use agricultural water from current sources (well water).
  - Utility Improvements – Sewer
    - Sewer service is proposed to be provided to southern campus expansion area via a new connection to City of Oxnard sewer main.
    - Sewer service for improvements on existing main campus will be via connecting to existing RDV sewer Point of Connection.
  - Construction anticipated to start between 2024 and 2027 over an 18 to 24-month construction period.

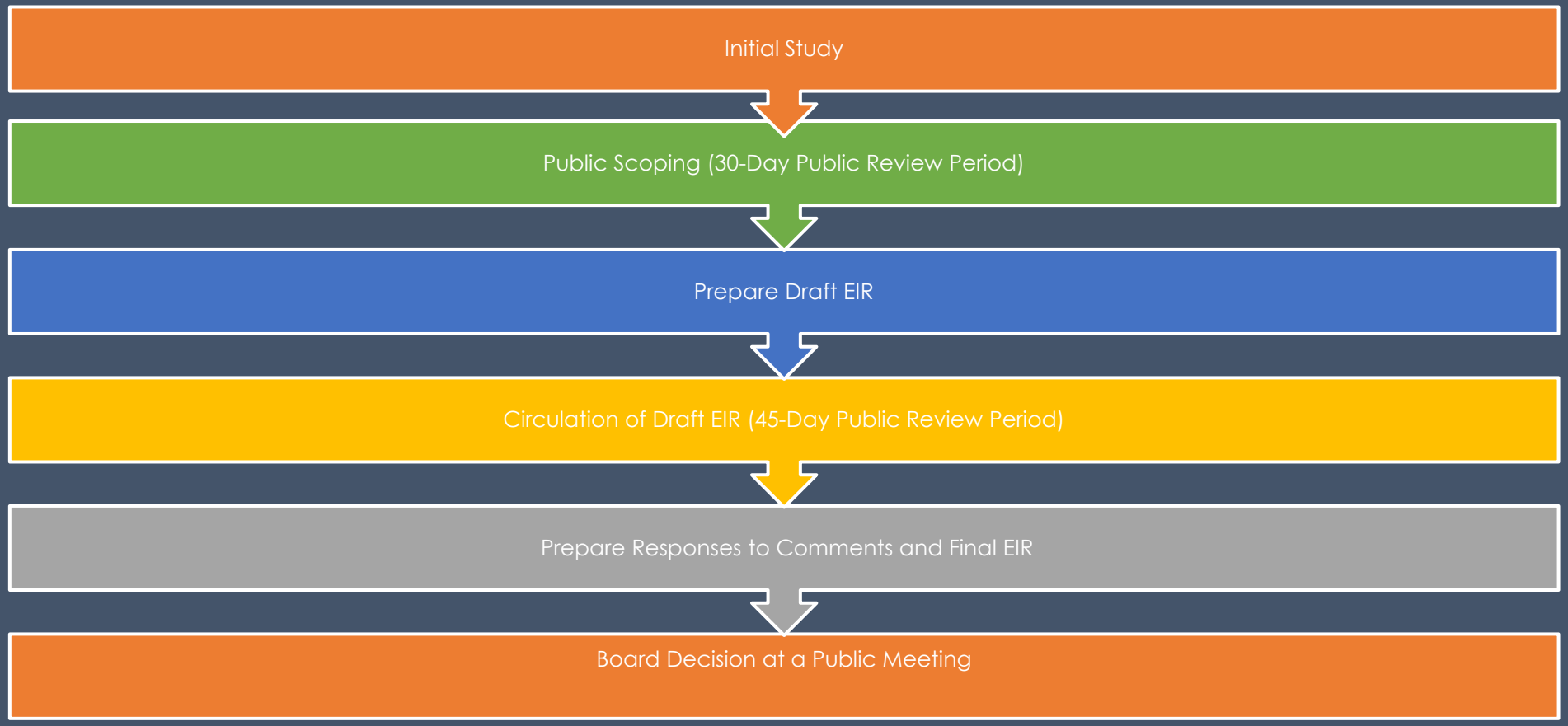
Comparison of Existing and Proposed Rio del Valle Configuration

	Existing Configuration	Proposed Configuration
Student Capacity	~1,116	~1,366
Total Classrooms	39	49
Permanent Square Footage	81,024	116,882
Portable Square Footage	7,071	11,535
Total Building Square Footage	88,095	128,417
Parking Spaces	90 (84 standard and 6 accessible)	317 (277 standard, 16 accessible, and 24 bus)
Total Campus Area (Acres)	30.2	41.3

Anticipated Permits and Approvals

Agency	Permit/Approval
California Department of Education	Approval of construction plans and CDE Site Plan and Approval
California Department of General Services, Division of State Architect	Approval of construction plans and CDE Site and Plan Approval
California Department of Toxic Substance Control	Approval of Preliminary Environmental Assessment (PEA) and Supplemental Site Investigation (SSI) for Southern Campus Expansion Area
City of Camarillo	Oxnard-Camarillo Greenbelt Modification
City of Oxnard	Annexation Request, Oxnard-Camarillo Greenbelt Modification, General Plan Amendment, Zoning and Pre-zoning*
Los Angeles Regional Water Quality Control Board	Storm Water Pollution Prevention Plan
Rio School District	Approve Project (Educational Specifications, Design/Construction Funding and Associated Contract Approvals) EIR (Adopt EIR and MMRP)
Ventura County	Oxnard-Camarillo Greenbelt Modification
Ventura Local Agency Formation Commission (LAFCO)	Annexation and associated Sphere of Influence/CURB adjustments

Environmental Review Process



Initial Study

- RSD has prepared an Initial Study and determined that an Environmental Impact Report (EIR) is required. The EIR will be prepared to evaluate potentially significant impacts related to the following issues:
  - Aesthetics
  - Agriculture and Forest Services
  - Air Quality
  - Biological Resources
  - Cultural Resources
  - Geology/Soils
  - Greenhouse Gas Emissions
  - Hazards/Hazardous Materials
  - Hydrology/Water Quality
  - Land Use and Planning
  - Mineral Resources
  - Noise
  - Public Services
  - Transportation/Traffic
  - Tribal and Cultural Resources
  - Utilities/Service Systems

Public Scoping

- The Notice of Preparation comment period began on June 7, 2022 and ends on July 6, 2022.
- Public scoping process is intended to provide RSD (as Lead Agency for CEQA) with information the public feels is necessary to establish the appropriate scope for preparing the EIR.
- Please provide your comments, input, suggestions for project alternatives, and any other pertinent information that may enable us to prepare a comprehensive EIR for the proposed project.

Public Comments

- In addition to speaking at today's meeting; comments can also be submitted in writing:

  Wael Saleh, C.P.A., M.B.A.
  Assistant Superintendent, Chief Business Official
  Rio School District
  1800 Solar Drive
  Oxnard, CA 93030

- Please submit written comments by **July 6, 2022**. Due to time limits mandated by State Law, your response must be sent at the earliest possible date but not later than 30 days after receipt of the Notice of Preparation.

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DEPARTMENT OF TRANSPORTATION
DISTRICT 7
100 S. MAIN STREET, MS 16
LOS ANGELES, CA 90012
PHONE (213) 505-5003
FAX (213) 897-1337
TTY 711
www.dot.ca.gov

Making Conservation a California Way of Life

June 29, 2022

Wael Saleh
Rio School District
1800 Solar Drive
Oxnard, CA 93030

RE: Rio del Valle Middle School Existing Campus Expansion Master Plan
Notice of Preparation (NOP) of an Environmental Impact Report (EIR)
SCH # 2022060117
Vic. VEN-101/PM: 20.891
GTS # 07-VEN-2022-00494

Dear Wael Saleh:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the above referenced NOP. The Rio School District proposes to implement the Rio del Valle Campus Enhancement Master Plan to meet the educational, recreational, and support facilities needs of District students. The Master Plan includes development within the expanded campus which would occur in phases and would include options for: new classrooms, library and media center, transportation and parking facilities, recreational facilities including 320-meter track, flag football field, six basketball courts, two baseball fields, softball field, physical education (P.E.) and lunch play field, four sand volleyball courts, two soccer fields, a jogging path, an athletic restroom/storage building, and up to ten tennis courts and/or handball courts. The buildout of the RDV Campus Master Plan is anticipated to occur over approximately 5 years. The Rio School District is the Lead Agency under the California Environmental Quality Act (CEQA).

The project site is approximately half a mile from the North U.S. 101 ramp on N. Rose Avenue. After further review of the Initial Study, it states that impacts are expected to be less than significant or mitigated to less than significant; however, this conclusion may change. A traffic and circulation study has commenced for the proposed project. This technical study will evaluate the proposed project's transportation impacts using the vehicle miles traveled (VMT) metric, per CEQA Guidelines section 15064.3. Caltrans looks forward to reviewing the technical study results in the forthcoming EIR.

For this project, Caltrans encourages the Rio School District to evaluate the potential to implement Transportation Demand Management (TDM) strategies that reduce Vehicle

Miles Traveled (VMT) and Greenhouse Gas (GHG) emissions. For TDM strategies that the Lead Agency may want to consider integrating into this project to further reduce VMT, please refer to:

- The 2010 Quantifying Greenhouse Gas Mitigation Measures report by the California Air Pollution Control Officers Association (CAPCOA), available at http://www.capcoa.org/wpcontent/uploads/2010/11/CAPCOA-Quantification-Report-9-14-Final.pdf, and/or
- Integrating Demand Management into the Transportation Planning Process: A Desk Reference (Chapter 8) by the Federal Highway Administration (FHWA), available at https://ops.fhwa.dot.gov/publications/fhwahop12035/index.htm

If there are any significant impacts to the State Highway System, the implementation of multimodal mitigation measures and other TDM strategies should be considered to reduce the number of vehicle trips generated by the project. Also, signal synchronization and other Transportation System Management should be considered to improve transportation flow.

Caltrans also encourages lead agencies to prepare traffic safety impact analysis for all developments in the CEQA review process so that, through partnerships and collaboration, California can reach zero fatalities and serious injuries by 2050.

As a reminder, any transportation of heavy construction equipment and/or materials which requires use of oversized-transport vehicles on State Highways will need a Caltrans transportation permit. Caltrans recommends that the Project limit construction traffic to off-peak periods to minimize the potential impact on State facilities. If construction traffic is expected to cause issues on any State facilities, please submit a construction traffic control plan detailing these issues for Caltrans' review.

If you have any questions, please feel free to contact Karen Herrera, the project coordinator, at Karen.Herrera@dot.ca.gov and refer to GTS # 07-VEN-2022-00494.

Sincerely,

Miya Edmonson

MIYA EDMONSON
LDR/CEQA Branch Chief

cc: State Clearinghouse

COMMUNITY DEVELOPMENT DEPARTMENT
ADMINISTRATION
214 SOUTH C STREET
OXNARD, CALIFORNIA 93030

CITY OF OXNARD CALIFORNIA

Wednesday, July 6, 2022

Wael Saleh, C.P.A., M.B.A.
Assistant Superintendent, Chief Business Official
Rio School District
1800 Solar Drive
Oxnard, CA 93030

Subject: *City of Oxnard Comments on Initial Study and Notice of Preparation*
Project Name: *Rio Del Valle Middle School Existing Campus Expansion Master Plan*, Northeast of Rose Avenue and Collins Street (APN 144-0-110-445; -225; & -590)

Dear Mr. Saleh:

The City of Oxnard (City) has received and conducted a review of the Notice of Preparation (NOP) and Initial Study (IS) of an Environmental Impact Report for the proposed new Rio Del Valle Middle School Existing Campus Expansion Master Plan (Project). This letter provides the City's comments on the NOP and IS.

The City has four global comments on the IS, two notable items of concern, and additional detailed comments on the IS.

Global Comments

1. The Project Description is incomplete as it fails to include and discuss all components of the project required by the City to allow for the Project to proceed and does not clearly define the scope of the project, with many components including the annexation and improvements to the northern campus expansion still undetermined.
2. The IS was prepared without many of the required studies being completed, including but not limited to traffic, water, sewer, air quality, geological/soil, or a fiscal analysis. As such, the City finds that the IS as prepared does not provide sufficient support for many of the conclusions reached.
3. The Project is identified as a phased project. As such, each Environmental Impact Analysis section must analyze the Project's impacts both by phase individually, by combined sequential phases, and cumulatively.

4. This Project includes Annexation into the City. This means the City and the Local Agency Formation Commission (LAFCo) will both have discretionary decision making authority on the project and will need to both have discretionary decision making authority on the project and will need the environmental document, and the Environmental Impact Analysis, to use the City of Oxnard's 2017 CEQA Guidelines[1], as the basis of the analysis. The recently added/amended sections from the State CEQA Guidelines including Energy, Tribal and Cultural Resources, and Wildfire, must also be incorporated.

For these reasons, the analysis provided in the IS is not sufficient to make a determination on any of the environmental factors and updated and/or additional analysis is required for the environmental document. The City has prepared the comments below for the purpose of providing direction for the preparation of the environmental document.

Notable Items of Concern

1. *Water Resources*

   As a water purveyor, the City of Oxnard is required to adopt an Urban Water Management Plan (UWMP) every five years to demonstrate water supply reliability under normal and well as drought conditions. The UWMP is also a tool the City uses to evaluate and plan for future demand and supply. Therefore, any projects not accounted for in the UWMP are required to assess its water resources and submit them to the City for review and approval. New projects not accounted for in the UWMP will further reduce the City's water availability and cause an increase in the water projection requirements. Therefore, new projects not accounted for in the UWMP must bring in their own water resources before the projects can be considered. Additionally, water resources are becoming harder to secure for the City of Oxnard. Per the UWMP, the City plans a 45% reduction in groundwater pumping by 2040, meaning the City will need to secure other water resources in the future. Adding more unaccounted projects will strain the supply chain, making that much harder for the City to supply water.

   Since the campus expansion is proposed to be annexed into the City of Oxnard, the project shall use City water services for the entire campus. To maintain the City's water availability consistent with the UWMP, the applicant shall acquire and transfer all required water resources for the full buildout that includes both Phases 1 and 2 of the project and transfer them to the City consistent with the City Oxnard City Code Article VI. All water resources on the project site, such as the existing well sites, must also be transferred to the City. The proposed campus expansion is not within the supply and demand forecasts in the City's most recent UWMP and the General Plan. The proposed project is required to assess its impacts and bring in sustainable water supply source(s), subject to review and approval by the City.

[1] https://www.oxnard.org/city-department/community-development/planning/ceqa/

Lastly, any new or extended service provided by the City is also subject to Ventura Local Agency Formation Commission (LAFCO) approval and annexation into the Calleguas Municipal Water District. The Initial Study has not provided the water resources analysis and how the project will impact analysis. Therefore, there aren't sufficient water resources and information available to support the proposed project.

2. *Wastewater*

The Oxnard Wastewater Treatment Plant (OWTP) collects, treats, and deposes wastewater within its service area with a dry weather capacity of 31.7 million gallons per day. At the same time, the City intends to keep up with the gradually increasing flows that correspond with an increase in population projections. New projects outside the planned service area can push treatment and operational requirements beyond the estimated projections. In this regard, the Initial Study has not provided an analysis demonstrating how this project will impact the OWTP and its current forecast. Therefore, the proposed expansion of the campus cannot be supported.

Moreover, the campus expansion will drain into the City's sewer collection system. The additional sewer discharge will take up the capacity within the existing sewer mains. As a result, the project will reduce the City's ability to provide sewer services for the existing planned development already within City limits from future development.

In summation, City staff do not agree with the findings under Section 2.4.19 and finds that:

- Water - The project will likely significantly impact the City's plan to provide water under its UWMP and the General Plan. The water resources must be assessed thoroughly before the project can be considered.
- Wastewater – The project will produce additional sewage that will need to be treated by the OWTP. Since the project was not accounted for in OWTP's future treatment capacity and operation requirements, the additional sewer flow will cause the City to escalate its projection and operation requirements. Additionally, the additional sewer flow in the sewer mains will take away the City's ability to accommodate or serve existing planned development from future development.

Additional Detailed Comments

City of Oxnard Comments on the Initial Study

1.0 Project Description and Environmental Setting

Planned and Pending Projects in the Site Vicinity

Project list is incomplete. It is not clear how projects listed were chosen. Please review the latest city project list for a complete listing of projects in the area. The project list, updated quarterly, can be found here: https://www.oxnard.org/city-department/development-services/project-list/

1.3 Site Considered

The alternative sites analysis must consider sites other than those listed in the 2030 General Plan, which were intended for new schools. Also, the discussion fails to acknowledge alternative locations for the proposed District Transportation and Bus Parking facilities. The environmental document must include a discussion of alternative locations for this area and associated activities, including maintenance.

1.5 Project Description

The Project Description fails to include and adequately discuss all of the required City of Oxnard entitlements necessary for this project to move forward. As previously communicated to the District this includes the following discretionary approvals:

- General Plan Amendment (to change the City Urban Restriction Boundary, SOAR land designation, Sphere of Influence, land use designation)
- Pre-zoning the property
- Tentative Tract Map and / or Lot Line Adjustment
- Special Use Permit or Development Design Review Permit for the proposed District Transportation and Bus Parking facilities (The final permit type will be determined by the requested pre-zoning Zoning Designation).

The Project Description must include a description of each of the requested General Plan Land Uses and Zoning Designations, Greenbelt Modifications, Sphere of Influence/CURB adjustments, and the proposed development associated with each.

The Project Description states that the project would occur in phases. The document must be revised to clearly define each proposed phase, including the location of the phase, the development associated with the phase (including a site plan), and the proposed timing of each phase. As CEQA documents are to analyze what is reasonably foreseeable, the phasing discussion is to include a discussion of the Rio School District's long range planning efforts and funding sources. Each proposed phase, including any temporary configurations, such as the temporary bus parking, must be analyzed in the environmental document. The environmental

document must identify all appropriate improvements and / or mitigation measures that are to be implemented with each phase. The existing Phase I description fails to clearly define the improvements included. Utility work is stated as "Likely" and it is not clear if the new bus facility will be constructed as part of phase I.

The Project Description must include a discussion of what will occur on the remainder of the northern and southern parcels. The environmental document must address any improvements necessary to ensure the remaining parcels maintain roadway and utility access in compliance with City and County of Ventura standards, depending on the responsible agency.

The Project Description indicates that the northern expansion area may not be included in the annexation into the City. The annexation of this north expansion area must be determined prior to proceeding with the preparation of the environmental document, to ensure all impacts are adequately analyzed. The environmental document must include an exhibit clearly indicating the area proposed to be Annexed into the City. Please be advised that City staff believes that a partial Annexation would not be consistent with LAFCo's Guidelines for Orderly Development and LAFCo policies. As identified in LAFCo's letter dated March 31, 2021, "The Guidelines contain policies that generally provide that urban development should occur only in cities or within unincorporated existing communities as defined by the County General Plan. The proposed development projects are located in neither. The transportation facility and school expansion would likely be considered urban development under the Guidelines."

The Land Use and Planning section of the Environmental Impact Analysis section must include a detailed discussion of the Projects compliance with all applicable LAFCo Guidelines for Orderly Development and LAFCo policies.

Table 1-3. "Comparison of Existing and Proposed Rio del Valle Configuration" must also include a comparison of staffing levels, such as the number of employees at the existing school and the anticipated number of employees proposed for the expanded school and the new bus maintenance and storage facility.

Agricultural Learning Program

As this area is still a part of the overall Project area, including the Annexation area, all uses and improvements associated with the "North Campus Agricultural Learning Program" area must be analyzed as part of this Project, and within the associated environmental document. CEQA requires that "the whole of an action" be considered when determining whether it will have a significant environmental effect. Therefore, the use of this area and any required or proposed improvements must be incorporated into this document. The IS identifies potential improvements to this area. The environmental document must determine whether these improvements are to be made, and if so, they must be incorporated and analyzed in the environmental document.

Transportation and Parking Improvements

As mentioned above, any interim bus and district vehicle parking area must be identified in the proposed project phasing. The study fails to identify the number of maintenance vehicle spaces that will be provided in the interim configuration.

The proposed project will be increasing the number of spaces on the project site from 90 spaces to 314 spaces. The environmental document must identify how these spaces are to be allocated, including the number of spaces to be used for the parking/storing of District buses and vehicles.

The environmental document must analyze both the initial construction of the interim parking area and the conversion of the interim parking area to a permanent parking area. Also, the IS states that the interim area would be converted to a permanent parking area "if needed". This must be clarified in the environmental document. If the area interim parking area is determined not to be needed, the Project Description must identify what will occur in the area in the long term. Otherwise, this area must be reconstructed to comply with the plans analyzed and approved, upon termination of the temporary parking area.

Utility Improvements

As the City has not received either a Water or Sewer study, there is not sufficient information available to determine the accuracy of the description of the proposed water and sewer utility improvements. Both the Water and Sewer studies should be provided as soon as possible, to allow for City review prior to completion of the environmental document. Additionally, this work is identified as part of Phase II, however these improvements will be required to serve any new or expanded facilities constructed as part of Phase I. The Project Description of the Electrical and Lighting must be revised to include the required undergrounding of any utility poles along the Project frontage.

Lastly, the Project description references starting construction of facilities as early as June/July of 2022, which is during the current NOP period. The environmental document must be revised to include feasible timelines and recognize that no improvements related to the Project shall occur until the environmental process is complete and all entitlements have been obtained.

1.6 Required Permits and Approvals

Table 1-4 fails to include all of the required City approvals, including but not limited to the:

- General Plan Amendment (to change the City Urban Restriction Boundary, SOAR land designation, Sphere of Influence, land use designation)
- Pre-zoning the property
- Tentative Tract Map and / or Lot Line Adjustment
- Special Use Permit or Development Design Review Permit for the proposed District Transportation and Bus Parking facilities (The final permit type will be determined by the requested pre-zoning Zoning Designation).

1.7 California Native American Tribe Consultation

Identify the Tribal groups that the District contacted for Tribal Consultation pursuant to SB 18 or Government Code Section 65352.3 and Public Resources Code section 21080.3.1. Additionally, please disclose the date and method of contact. Notification letters shall be included in the document.

1.8 California Environmental Quality Act Review

The Section states that "As discussed in the Initial Study below, it has been determined that several CEQA resource issues would not be significant and would not require further analysis in the EIR.". The City disagrees with this assertion. As discussed in the comments above, due to the failure to include a complete Project Description and provide all necessary studies, all issue areas will require further analysis in the environmental document based upon the content of the IS. Also, due to the insufficient preliminary analyses, the City does not agree that it can be determined that the "remaining issues are expected to not be significant or with mitigation can be reduced to less than significant".

2.1 Environmental Factors Potentially Affected

As previously mentioned, there is not sufficient information to support the conclusions reached. Many of the studies required for a complete understanding of the Project's impacts have not been completed; therefore, there is currently little to no basis for the conclusions reached in this IS. The Project Description is also incomplete, as it fails to include many of the project components necessary for this Project to proceed. The City is also concerned that the proposed partial Annexation of the Project site is not consistent with LAFCo's Guidelines for Orderly Development and LAFCo policies, and therefore cannot be supported. As the City anticipates the entire Project area will need to be included in the Annexation request, all portions of the Project must be reviewed for consistency with City policies and ordinances. Lastly, as the intent is for multiple agencies to use the same environmental document, the Project must use the City's 2017 CEQA Guidelines, as revised by more recent State CEQA Guideline changes as identified above in the Global Comments. For these reasons, all of the discussions associated with each of the environmental factors must be updated and further analyzed in the environmental document. While each area will need to be updated to address the issues identified above, the comments below are provided to assist the District and provide further direction.

2.4.1 Aesthetics

The environmental document must include an analysis of the visual impacts of the District Transportation and Bus Parking facilities. As a general comment the City recommends that the District place the school's civic buildings nearest Rose Avenue and relocate the Vehicle storage areas to the back of property to limit any potential visual impacts along Rose Avenue. If the area cannot be relocated, the project will require substantial screening along Rose Avenue at the southern frontage of the property. The environmental document must also address the aesthetic impact associated with the loss of trees onsite, and compliance with City requirements for replacement of the value of any trees removed onsite or offsite. Additionally, the DEIR should include photo simulation of the proposed Project from all vantage points of all surrounding scenic resources, including adjacent farmland, in order to assist in determining the potential impact the Project might have on visual resources. Any of the significant visual resources, as identified in the 2030 General Plan Goals and Policies or in the General Plan Background Report, that may be affected by the proposed project should be noted and described. This would include waterways, agricultural greenbelts, beaches and coastlines, scenic roadways, and well preserved urban landscapes associated with historic neighborhoods and park and open plazas.

2.4.2 Agricultural and Forest Resources

The IS identifies the Project as having a potentially significant impact on Agriculture. The IS references the City of Oxnard 2030 General Plan Program EIR. The IS notes that the 2030 General Plan Program EIR accounted for the conversion of up to 2,215 acres of important farmland to non agricultural use, however, the area proposed to be converted under this Project, was not a part of the area accounted for in the 2030 General Plan Program EIR. Therefore, this Project cannot rely on the analysis done for the 2030 General Plan Program EIR.

The analysis mentions that consultation with the County of Ventura, will be conducted, if feasible. The District should consult with the Agricultural Commissioner's office. The District must consult with the City on any potential mitigation of the potential impacts to the agricultural resources. In the preparation of the environmental document and ongoing consultation with the City, the District should consider the implementation of at least one of the following two options: Option 1, an Agricultural Conversion In-Lieu fee or Option 2, Purchase of Agricultural Conservation Easements. The District should review the Agricultural Resources discussion within the recently released Teal Club Specific Plan EIR (https://www.oxnard.org/wp-content/uploads/2021/12/Oxnard-Teal-Club-Specific-Plan-Recirculated-Draft-EIR-December-2021.pdf), as a starting point for our discussions and for additional information on the options mentioned above.

2.4.3 Air Quality

The IS identifies the Project as having a less than significant impact, with mitigation incorporated. As previously stated, without the preparation of an Air Quality Study there is not sufficient basis for this assumption. Also, the Project must use the City of Oxnard Significance Thresholds. Therefore, further analysis is required in the environmental document. The analysis must also discuss the potential for air quality impacts generated by the District Transportation and Bus Parking and Maintenance facility operations, on the students and faculty in the adjacent areas. The District should consult with the Ventura County Air Pollution Control District.

2.4.4 Biological Resources

The environmental document must include an analysis of the Project's compliance with applicable City ordinances and policies. Therefore, further analysis is required in the environmental document.

2.4.6 Energy

The IS identifies the Project as having a less than significant impact on Energy. Under the Long-Term Energy Use discussion, this is no discussion of the District Transportation and Bus Parking and Maintenance facility operations. The environmental document must include further discussion of potential impacts associated with this facility. The IS states that due to RDV having the largest number of bused students in the district, that the long term bus storage at the site will reduce VMT, however there is no information provided to support that assertion. The DEIR must provide a comparison of the number of bused students by school and a discussion of operations showing how the assumed reduction in VMT is being achieved. Additionally, per the project description the site will provide space for up to 24 buses nine of which currently serve RDV,

based on this the majority of the buses will be to serve other schools in the district. Further analysis must be conducted to analyze impacts associated with service of other schools to be served by the buses stored at the Project site.

The discussion also indicates that the proposed project would allow students to walk to the school, further minimizing vehicle trips. However, that is an existing condition, so it is not clear how that would further minimize trips as compared to the existing facility. Also, the discussion generally implies that the Project impacts would be less than significant, since the Project would comply with various City and County plans and goals, but no analysis is provided to show how the Project would comply. The environmental document must include a further and more detailed analysis of the Project's compliance with the plans, and identify any mitigation measures necessary to ensure long term compliance.

2.4.7 Geology and Soils

The IS identifies the Project as having a less than significant impact, with mitigation incorporated; however, no studies have been prepared. A soils and geological report is required for this Project. The analysis and conclusions must be revised to reflect the findings of the report.

2.4.8 Greenhouse Gas Emissions

The IS identifies the Project as having a less than significant impact; however, no studies have been prepared. An air quality report is required for this Project. The District should consult with the Ventura County Air Pollution Control District. The model must account for the various uses proposed by the Project, in particular the District Transportation and Bus Parking and Maintenance facility. Also, with regard to construction, the report must account for any foreseeable reconstruction associated with the proposed phases, including temporary configurations at the Project site. The analysis and conclusions must be revised to reflect the findings of the report.

2.4.9 Hazards and Hazardous Materials

The IS analysis only looks at typical office materials and school supplies, and fails to identify if the past practices on the agricultural lands have used hazardous materials, and the storage of future materials associated with the proposed District Transportation and Bus Parking and Maintenance facility. The environmental document must include further discussion of the proposed storage, use, and disposal of materials associated with the bus facility, such as fuel storage, storage of oils, paints, used parts, or other materials typically associated with automotive maintenance. Also, the report states that no remediation action is required so long as the northerly parcel is used for agricultural purposes. However, as improvements may be required on this site, the analysis must address if any further action would be required to allow for the improvements. The IS must also include further analysis of the Project's compliance with City and County emergency plans.

2.4.10 Hydrology and Water Quality

The IS identifies the Project as having a less than significant impact, with mitigation incorporated; however, no studies have been prepared. A drainage report, sewer report, and water

demands analysis are required for this Project. The analysis and conclusions must be revised to reflect the findings of these reports.

2.4.11 Land Use and Planning
The IS identifies the Project as having a less than significant impact; however, little analysis has been provided to support that determination. The environmental document must include a detailed analysis of the Project's compliance with all of the applicable policies and ordinances of each of the responsible agencies with either land use authority over the proposed Project or those that have Agreements associated with the land, including the City of Oxnard, City of Camarillo, County of Ventura, and LAFCo.

2.4.12 Mineral Resources
The IS identifies the Project as having a less than significant impact; however, little analysis has been provided to support that determination. The environmental document must include a detailed analysis of the project's compliance with the applicable City policies and ordinances.

2.4.13 Noise
The IS identifies the Project as having a less than significant impact; however, no studies have been prepared. A noise study is required for this Project. The IS fails to analyze the possible impacts associated with the construction and operation of the District Transportation and Bus Parking and Maintenance facility. The study and environmental document analysis must consider the noise and vibrations associated with the construction of the whole of the Project and all associated operations, including increased bus traffic and repair activities. The analysis should not only consider the noise impact on all adjacent properties including the school and classroom facilities.

2.4.14 Population and Housing
The IS discussion only discusses potential growth inducing impacts associated with roadway improvement and the school use. However, the whole of the Project must be analyzed by the environmental document. As a result, in addition to the use and road improvements, the "growth inducing impacts" associated with the extension of the utilities, the general plan amendment and associated pre- zoning, the changes to the City Urban Restriction Boundary, the changes to the SOAR land designation, the green belt amendments, and changes to the City Sphere of Influence would all need to be analyzed in the environmental document.

2.4.15 Public Services
The IS identifies the Project as having a less than significant impact, however the City, including Fire and Police have not been consulted or received applications for review. The District must submit to the City for review of the Project, to determine impacts to City services.

2.4.17 Transportation
The IS identifies the Project as having a less than significant impact, with mitigation incorporated; however, no studies have been prepared. As indicated in the IS, a traffic study will be required for this Project. The Districts traffic team must coordinate with City Staff to ensure

the appropriate analysis is provided. The Project will be required to comply with the City's adopted Bicycle and Pedestrian Master Plan, which identifies a Class II bike line along Rose Avenue. The analysis and conclusions must be revised to reflect the findings of the approved report.

2.4.18 Tribal and Cultural Resources

The IS identifies the Project as having a less than significant impact, with mitigation incorporated. However, as acknowledged in the IS the results of the limited research have not been received nor has an Archeological Survey been conducted, nor has tribal consultation been conducted. Therefore, there is not sufficient basis for this assumption. For the environmental document, a Phase I Archeological Survey for the Project area. The environmental document must also be updated to reflect the AB 52 and SB 18 consultation efforts.

2.4.19 Utilities and Service Systems

The IS identifies the Project as having a less than significant impact; however, no studies have been prepared to support this conclusion. Prior to drafting the environmental document, the District must submit a Project application to the City for review, so that the City can accurately analyze the Projects impacts on Utilities and Service Systems.

Thank you for the opportunity to comment on the NOP and IS. Please call Joe Pearson II, Interim Planning & Environmental Services Manager, at 805-385-8272, or you can email at Joe.Pearson@oxnard.org if you have any questions.

Sincerely,

Vyto Adomaitis
Community Development Director

cc: Ashley Golden, Assistant City Manager (via email)
Vyto Adomaitis, Community Development Director (via email)
Jeff Pengilley, Assistant Community Development Director (via email)
Tai Chau, Supervising Civil Engineer (via email)
Kenneth Rozell, Chief Assistant City Attorney (via email)
Joel Kirschenstein, Sage Realty Group (via email)

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Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
5796 Corporate Avenue
Cypress, California 90630

Jared Blumenfeld
Secretary for
Environmental Protection

Gavin Newsom
Governor

June 22, 2022 **SENT VIA ELECTRONIC MAIL**

Mr. Wael Saleh, C.P.A., M.B.A.
Assistant Superintendent
Chief Business Official
Rio School District
1800 Solar Drive
Oxnard, California 93030
wsaleh@rioschools.org

NOTICE OF PREPARATION OF ENVIRONMENTAL IMPACT REPORT AND INITIAL STUDY FOR THE RIO DEL VALLE MIDDLE SCHOOL EXISTING CAMPUS EXPANSION MASTERPLAN (SCH # 2022060117)

Dear Mr. Saleh:

The Department of Toxic Substances Control (DTSC) has received your Notice of Preparation of an Environmental Impact Report and Initial Study (NOP/IS) for the Rio Del Valle Middle School (School) Existing Campus Expansion Masterplan Project. The proposed project includes the expansion of the School campus located at 3100 Rose Avenue in unincorporated County of Ventura. The School is approximately 30.2 acres, including the 20.2-acre main campus (APN 144-0-110-445) and 10 acres of active agricultural lands (a portion of APN 144-0-110-225) to the north of the main campus buildings. The proposed project would add approximately 11.1-acres to the south (a portion of APN 144-0-110-590) that the Rio School District (District) proposes to develop with new educational and support facilities, resulting in an approximately 41.3-acre campus (Project Site).

The proposed project includes development within the expanded campus and includes: new classrooms, library and media center, transportation and parking facilities, recreational facilities including a 320-meter track, flag football field, six basketball courts, two baseball fields, softball field, physical education and lunch play field, four sand volleyball courts, two soccer fields, jogging path, an athletic restroom/storage building, and up to ten tennis courts and/or handball courts. The expanded campus

shall provide significant health and safety improvements, additional on-site parking, and a bus turn out lane.

The NOP/IS states, “The Phase II ESA results indicated that the southern parcel surface soils are impacted by total purgeable petroleum hydrocarbons (TPPH), TPHd, and hydraulic oil/motor oil total petroleum hydrocarbons (TPHh/m) released from the junk vehicles previously stored at the southern parcel and fuel storage ASTs. TPPH, TPHd and TPHh/m were detected in the southern parcel surface soils at concentrations exceeding relevant screening levels. Tetra Tech recommends that the RSD submit the Phase I ESA report (Tetra Tech 2021a) and Phase II ESA report (Tetra Tech 2021c) to the DTSC and enter the southern parcel into the DTSC Voluntary Cleanup Program (VCP).” The NOP/IS further states, “Tetra Tech determined that no further action is recommended for the northern parcel for as long as the northern parcel is used for agricultural production.

On May 25, 2022, the District entered into an Environmental Oversight Agreement (Docket No. HSA-FY21/22-135) with DTSC for oversight of an environmental investigation for 11.1-acre portion of the Project Site. Therefore, the following comments are applicable only for the rest of the Project Site.

DTSC recommends the following items be addressed in the NOP/IS:

1. Identify recognized environmental conditions (REC) at the Project Site and indicate how these RECs will be addressed, and under the oversight of which regulatory agency. If state funding is anticipated for school projects, then DTSC review/approval is required pursuant to California Education Code.

2. If there are any recognized environmental conditions at the Project Site, DTSC recommends investigation and mitigation, as necessary, to address potential impact to human health and environment.

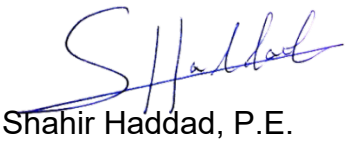
3. DTSC recommends environmental review of the Project Site under the DTSC Schools Branch oversight prior to construction to ensure the School is safe for students and staff.

4. If the project requires import soil to backfill the areas excavated, DTSC recommends sampling be conducted in accordance with DTSC's Information Advisory Clean Imported Fill Material (https://dtsc.ca.gov/wp- content/ uploads /sites/31/2018/09/SMP FS Cleanfill-Schools.pdf)

5. Discuss procedures to be taken if the soil and/or groundwater contamination is suspected or discovered during grading, construction and/or demolition.

If you have any questions regarding this letter, please contact Mr. Johnson P. Abraham, Project Manager, at (714) 484-5380 or Johnson.Abraham@dtsc.ca.gov or me at (714) 484-5368 or Shahir.Haddad@dtsc.ca.gov.

Sincerely,



Shahir Haddad, P.E.
Supervising Engineer
Brownfields Restoration and School Evaluation Branch
Site Mitigation and Restoration Program

mv/ja/sh

cc: (via e-mail)

Governor's Office of Planning .and Research
State Clearinghouse
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Brownfields Restoration and School Evaluation Branch Reading File – Cypress

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VENTURA LOCAL AGENCY FORMATION COMMISSION
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WWW.VENTURA.LAFCO.CA.GOV

July 6, 2022 SENT VIA ELECTRONIC MAIL

Wael Saleh
Assistant Superintendent, Chief Business Official
Rio School District

Subject: Notice of Preparation (NOP) for Rio Del Valle Middle School Campus Expansion Master Plan

Dear Mr. Saleh:

Thank you for providing the NOP for the above-referenced project to LAFCo. As an agency with approval authority over one or more aspects of the project, LAFCo will be a responsible agency pursuant to the California Environmental Quality Act (CEQA). The comments provided in this letter are solely those of LAFCo staff; they do not reflect determinations made by the Commission.

Purpose of LAFCo

LAFCos were created in each of the state's 58 counties by the State Legislature for the purposes of discouraging urban sprawl, preserving open-space and prime agricultural lands, encouraging the efficient provision of government services, and encouraging the orderly formation and development of local agencies (Govt. Code § 56301). To this end, LAFCos, which function as state agencies, were given exclusive jurisdiction to determine the jurisdictional boundary and service area of all cities and special districts in the state. The Ventura LAFCo exercises its jurisdiction over the 10 cities and 49 special districts located in Ventura County.

Project Description

Rio Del Valle Middle School, located at 3100 Rose Avenue in the unincorporated community of El Rio, is a part of the Rio School District which provides kindergarten through 8th grade education to the unincorporated communities of El Rio and Nyeland Acres and portions of the City of Oxnard. The proposed Master Plan for the Rio Del Valle Middle School campus includes 1) various improvements to facilities on the existing approximately 31-acre campus, 2) the development of a transportation facility and maintenance building, parking, classroom buildings, a library, and athletic facilities on approximately 11 acres of agricultural land located south of the existing campus ("South Campus Expansion Area"), and, 3) an agricultural learning program on 10 acres of agricultural land located to the north of the existing campus ("North Campus Expansion Area"). The applicant proposes to receive municipal services, including water and sewer service, from the City of Oxnard. Phase 1 includes plans for annexation to the City of the main campus and South Campus Expansion Area, and perhaps the North Canyon Expansion Area. However, because the North Campus Expansion Area is intended to remain in agricultural use and does not involve urban development

that would rely on municipal services, annexation of this area to the City would be considered premature and would not be consistent with LAFCo law and local policies. For this reason, the following comments apply to only the annexation of the main campus and South Campus Expansion Area. Based on the materials included in the NOP, it appears that the applicant plans to conduct an analysis of impacts to agricultural resources.

The "Project Description" and/or the list of "Required Permits and Approvals" sections of NOP should be expanded to include the following:

1. *Reorganization*: The applicant proposes to annex the proposal area to the City of Oxnard. However, the project description should be modified to include annexation to the Calleguas Municipal Water District (Calleguas). Calleguas is a wholesale water supplier to the City of Oxnard and is a member agency of Metropolitan Water District of Southern California (Metropolitan). According to Calleguas staff, it is the policy of both Calleguas and Metropolitan that water may be supplied to only territory located within each agency's respective boundaries. In addition, Section 3.2.2 of the Ventura LAFCo Commissioner's Handbook[1] generally provides that any annexation to the City of Oxnard that includes potable water service must also include annexation to Calleguas. Much of the existing school site and the South Campus Expansion Area are located outside the jurisdictional boundaries of Calleguas and Metropolitan. Therefore, the application to LAFCo should consist of a reorganization involving annexation to the City, Calleguas, and Metropolitan.

2. *Sphere of Influence Amendments*: The South Campus Expansion Area is located outside the spheres of influence for the City and Calleguas, as determined by LAFCo. LAFCo law requires that annexations be consistent with applicable spheres of influence (Govt. Code § 56375.5). Therefore, any application made to LAFCo requesting to annex the project site to the City and Calleguas must also include an application to amend the spheres of influence for both agencies. Handbook Section 4.3.3 lists a number of additional factors that apply to sphere of influence amendments specifically for schools. We encourage the school district to review these policies before submitting an application to amend the City sphere of influence.

3. *City of Oxnard Urban Restriction Boundary (CURB):* The South Campus Expansion Area is located outside the Oxnard CURB, as established by the City's Save Open Space and Agricultural Resources (SOAR) ordinance. City policies generally limit services and urbanized uses of land to within the CURB. Handbook Section 4.2.1 provides in relevant part, "sphere of influence boundaries should coincide with, or cover lesser area than, voter approved growth boundaries." Section 3.2.4.2 provides that LAFCo will not approve a proposal, such as an annexation, unless it is consistent with any city ordinance requiring voter approval. To be consistent with this policy, the City's CURB would need to be amended to include the site before the sphere is amended.

[1] The Handbook is a compendium of the Commission's adopted policies and is available on the Ventura LAFCo website by clicking here.

4. *Camarillo-Oxnard Greenbelt Agreement*: The South Campus Expansion Area is within the Camarillo-Oxnard Greenbelt. Pursuant to the greenbelt agreement, the cities of Camarillo and Oxnard and the County of Ventura "agree to a policy of non-annexation, non-development and retention of open space uses for the territory" included in the greenbelt. LAFCo has endorsed the greenbelt agreement and consistency with it is generally required pursuant to Handbook Section 3.2.4.4. Therefore, in order for the development/reorganization to proceed, the greenbelt agreement would need to be amended by all parties (i.e., the County and the cities of Camarillo and Oxnard).

5. *Discretionary approvals required*: Handbook Section 3.1.6 provides that unless exceptional circumstances exist, "no application for a change of organization [including annexation]…will be accepted until all discretionary approvals for any pending application for land use entitlements…pertaining to the subject territory are granted." Approval of a Master Plan does not constitute approval of discretionary land use entitlements. The City of Oxnard would be the agency with land use authority over the transportation facility[2] and the State Architect would appear to have authority over the approval of the school's expansion. Approval from these entities would be necessary before an application for a reorganization is submitted to LAFCo for either the transportation facility or school expansion. In addition to approval of the necessary entitlements, the City would be required to prezone the site consistent with the proposed uses (Govt. Code § 56375(a)(7)) and amend its general plan designation accordingly.

Again, thank you for the opportunity to provide comments. Please do not hesitate to contact me should you have any questions.

Sincerely,

Kai Luoma
Executive Officer
Ventura LAFCo

c: Ventura LAFCo Commissioners
Vyto Adomaitis, City of Oxnard
Dave Ward, County of Ventura, Resource Management Agency
Dan Drugan, Calleguas Municipal Water District

[2] It appears to be the school district's position that pursuant to Government Code Section 53094(b), it can render the otherwise applicable zoning ordinance inapplicable to the proposed transportation facility. However, it is the opinion of LAFCo Legal Counsel that Section 53094(b) does not provide the school district with such authority. Therefore, the City would have approval authority over the transportation facility and the approval of the City would be required in order for the proposal to be consistent with this policy.

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June 9, 2022

Wael Saleh
Rio School District
1800 Solar Drive
Oxnard, CA 93030

Re: 2022060117, Rio del Valle Middle School Existing Campus Expansion Master Plan Project, Ventura County

Dear Wael Saleh:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
   a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
   b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
   a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
   b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
   c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Cody.Campagne@nahc.ca.gov.

Sincerely,

Cody Campagne

Cody Campagne
Cultural Resources Analyst

cc: State Clearinghouse

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COUNTY of VENTURA
Agriculture/Weights & Measures

Agricultural Commissioner/Sealer
Edmund E. Williams
Chief Deputy
Korinne M. Bell

MEMO

DATE: 1 July 2022

TO: Wael Saleh

FROM: Alec Thille

SUBJECT: NOP-EIR Rio del Valle Middle School Existing Campus Expansion Master Plan

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The Final Initial Study Analysis (ISA) included with the Notice of Preparation (NOP) for the Rio del Valle Middle School Existing Campus Expansion Master Plan Environmental Impact Report (EIR) evaluated the project impact to surrounding agricultural resources due to incompatibility of use (section 2.4.2 item e.). The ISA found the impacts to be Less Than Significant to agricultural resources due to "The project [being] expected to implement appropriate and applicable policies, such as those in the County of Ventura Agriculture/Urban Buffer Policy, and appropriate and applicable recommendations, such as those in Farming Near Initial Study, Proposed Rio del Valle Middle School Existing Campus Expansion, County of Ventura, CA 2-8 Schools, A Community Guide for Protecting Children (Ag Futures Alliance 2002)." The ISA further notes that "this conclusion may change, and this topic will be further analyzed in the EIR."

The proposed site plan included in the ISA (Figure 1-3) shows no compliance with the County of Ventura *Agriculture/Urban Buffer Policy*. The plan shows no vegetative screen nor setbacks of sensitive uses from the immediately adjacent, offsite agriculture. The policy itself notes that non-agricultural uses conflict with agricultural uses, schools especially so. As such, unless a revised site plan is generated clearly demonstrating compliance with the policy, the EIR must find that the Project has Significant Impacts on agricultural resources as the project could result in conversion of Farmland, to non-agricultural use due to the unmitigated conflicting nature of the project.

Please direct any questions to either Alec Thille, alec.thille@ventura.org, or Korinne Bell, Korinne.bell@ventura.org.

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Ventura County
Air Pollution
Control District

4567 Telephone Rd
Ventura, California 93003

tel 805/303-4005
fax 805/456-7797
www.vcapcd.org

Ali Reza Ghasemi, PE
Air Pollution Control Officer

VENTURA COUNTY
AIR POLLUTION CONTROL DISTRICT
Memorandum

TO: Wael Saleh, Assistant Superintendent, Rio School District

DATE: June 29, 2022

FROM: Nicole Collazo, Air Quality Specialist, VCAPCD Planning Division

SUBJECT: Notice of Preparation of a Draft Environmental Impact Report for the Rio Del Valley Middle School Expansion and Initial Study

Air Pollution Control District (APCD) staff has reviewed the subject Notice of Preparation (NOP) for the draft environmental impact report (EIR) and Initial Study of the project referenced above. The project location is 3100 Rose Avenue in the unincorporated area northeast of the City of Oxnard. The Lead Agency for the project is the Rio School District.

General Comments

1) The air quality assessment should consider project consistency with the 2016 Air Quality Management Plan (AQMP). The 2016 AQMP presents Ventura County's strategy (including related mandated elements) to attain the 2008 federal 8-hour ozone standard by 2020, as required by the federal Clean Air Act Amendments of 1990 and applicable U.S. EPA clean air regulations. The 2016 AQMP uses an updated 2012 emissions inventory as baseline for forecasting data, SCAG RTP 2016 data, and CARB's EMFAC2014 emission factors for mobile sources. The AQMP can be downloaded from our website at http://www.vcapcd.org/AQMP-2016.htm.

2) The Ventura County Air Quality Assessment Guidelines (AQAG) is recommended to evaluate all potential air quality impacts. The AQAG are also downloadable from our website here: http://www.vcapcd.org/environmental-review.htm. Specifically, the air quality assessment should consider reactive organic compound, nitrogen oxide emissions, and toxics from all project-related motor vehicles, sources not permitted with APCD, and construction equipment that may result from potential buildout, as appropriate to future development policies and implementation measures. We note that the AQAG has not been updated since 2003 and newer emission reduction measures have been recommended by APCD and implemented in other jurisdictions. For example, the County of Ventura recently updated a new policy in its 2040 GPU to always require Tier 3 and Tier 4 diesel construction off-road equipment (New Policy HAZ-10.13). This policy should be applied to the project.

3) We recommend emission reduction measures such as only using Tier 3 or Tier 4 construction off-road equipment be used as the construction schedule is expected to last 18 months and there are many sensitive receptors nearby, including the surrounding neighborhoods and young children

on-site at the school. Diesel particulate matter from construction equipment and ozone precursors may be emitted nearby sensitive receptors, especially infants in the development stages. Emission reduction measures such as requiring Tier 3 and/or Tier 4 off-road construction equipment can reduce pollutants by up to 85% and is highly recommended if emissions are above local and state thresholds adopted. Using low-VOC paints may also reduce ROC emissions once construction estimates are known. NOx emissions due to the amount of grading may be significant (another reduction measure is using 2010 and newer on-road engine vehicles for exporting material that comply with California State Regulation for In-Use On-Road Diesel Vehicles Title 13, CCR §2025) and using higher EPA-rated tiered equipment can also significantly reduce NOx emissions.

4) The EIR's Air Quality impact discussion should also include the expected increase in mobile emissions (new students, new employees, new maintenance and vendors, new events), area emissions (landscaping, painting/maintenance), and energy emissions (increase in natural gas usage) as a result of the school expansion.

Thank you for the opportunity to comment on the project. If you have any questions, you may contact me at nicole@vcapcd.org.

PUBLIC VENTURA COUNTY WORKS

WATERSHED PROTECTION

MEMORANDUM

DATE: June 15, 2022

TO: Anthony Ciuffetelli, Planner, Planning Division

FROM: James Maxwell, Groundwater Specialist

SUBJECT: RMA 22-014 – Rio del Valle Middle School Existing Campus Expansion Master Plan

The Ventura County Public Works Agency, Water Resources Division, Groundwater Resources Section (VCWRD-GRS) reviewed the *Initial Study Rio del Valle Middle School Existing Campus Expansion Master Plan* (IS) submitted by the City of Oxnard.

PROJECT DESCRIPTION

The proposed development project (Project) area, occupied by Rio del Valle Middle School and adjacent agricultural operations, will be located on multiple parcels encompassing a total of 41.3 acres total. The School is located at 3100 Rose Avenue in unincorporated County area. The School currently exists on 30.2 acres of Assessor's Parcel Numbers (APNs) 144-0-110-445 and -225 and will add 11.1 acres of APN 144-0-110-590 to the south of the current property. The parcels associated with the proposed project are proposed for annexation into the City of Oxnard. The Project currently falls within the boundaries of the *El Rio/Del Norte Area Plan*. The proposed project includes development within the expanded campus that would occur in two phases.

GROUNDWATER QUANTITY AND WATER SUPPLY

The Project overlies the Oxnard Subbasin, a high priority, critically-overdrafted basin designated by the Department of Water Resources (DWR) as Basin No. 4-004.02. The proposed project is located within the Fox Canyon Groundwater Management Agency (FCGMA) area. The FCGMA regulates groundwater extraction allocations for well owners and operators. Policy ED-39.1 of the *El Rio/Del Norte Area Plan* stipulates that discretionary development will not result in the net decrease in the quantity of groundwater, taking into account existing and projected water supply and demand factors. Water offsets may be utilized. Policy ED-39.4 prohibits discretionary development that would significantly decrease the recharge capability of the property.

The school currently receives water from the City of Oxnard, United Water Conservation District (UWCD) and a Rio School District-owned well on the school property. The proposed project's southern expansion will obtain potable water from a new connection to the City of Oxnard water system. Improvements proposed on the existing campus parcel will utilize connections from existing service lines. The northern expansion area

will continue to utilize agricultural water from existing groundwater wells. The City of Oxnard's water supply consists of imported water from Calleguas Municipal Water District (CMWD), groundwater extracted by United Water Conservation District and groundwater extracted from the City of Oxnard's wells.

A complete current and anticipated water usage analysis is necessary to determine the portion of water sourced from groundwater and if the proposed development would result in additional extraction of groundwater (at full build-out). The analysis should be inclusive of groundwater extraction allocations established and regulated by the FCGMA. Any additionally extracted groundwater quantity will need to be offset with water saving measures or mitigations per the *El Rio/Del Norte Area Plan*.

The site development will create new impervious surfaces and hardscape. Proposed site improvements include additional parking facilities and hardscape sports facilities. A hydrology or drainage study needs to incorporate surface water runoff controls and include infiltration mitigations that will allow surface water to percolate and recharge the underlying aquifers.

GROUNDWATER QUALITY

The Project area is currently provided sewer service by the City of Oxnard. Sewer service to the southern campus expansion area will be provided by a new connection from the City. The Oxnard Wastewater Treatment Plant (OWTP) provides treatment capacity for wastewater generated within the City's service area. The OWTP is currently operating below its daily capacity. A sewer service analysis is necessary to determine if the OWTP and service connections can accommodate the additional anticipated wastewater.

It is not known if individual septic systems or wastewater treatment systems currently provide service to the parcels within the proposed Project area. Existing wastewater treatment systems should be removed during build-out.

The County of Ventura began issuing well permits for the construction, maintenance, operation, use, repair, modification and destruction of groundwater wells in 1970 and has records of the following wells located within the parcels encompassing the proposed Project boundary:

State Well Number (SWN)	County Well Permit Number	APN	Installation/ Destruction Date	Status	Main Use	Depth (ft bgs[1])	Screened Interval (ft bgs)
02N22W26B01S	--	144-0-110-445	--	Destroyed	Domestic	191	23-190
02N22W26B02S	--	144-0-110-445	November 1927, Destroyed September 1935	Destroyed	Agricultural	--	--
02N22W26B03S	1195	144-0-110-225	August 1983	Active	Municipal	1,495	575-1,475
02N22W26C02S	--	144-0-110-445	--	Can't Locate Indeterminable	Domestic	--	--
02N22W26C03S	--	144-0-110-445	December 1948	Active	Municipal	240	98-240
02N22W26C04S	--	144-0-110-445	--	Can't Locate Indeterminable	Domestic	--	--
02N22W26F02S	--	144-0-110-590	March 1960	Active	Agricultural	292	120-280
02N22W26F03S	--	144-0-110-590	February 1953	Can't Locate	Domestic	200	146-192

Wells that will no longer be used by the project or considered as "Active" status will need to be permitted for destruction per Ventura County Ordinance No. 4468 (Well Ordinance).

[1] Feet below ground surface.

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B AIR QUALITY REPORTS

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Rio Del Valle MS

Ventura County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	250.00	Student	8.40	40,322.00	0
Parking Lot	227.00	Space	2.70	90,800.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Total lot 11.1 acres split into 8.4 acres for the expansionand 2.7 for parking structures

Construction Phase -

Vehicle Trips - Trip Generation Rates per Traffic Study: 2.10 ADT/student and 267 ADT/site (267 ADT/227 spaces = 1.2)

Construction Off-road Equipment Mitigation - Average engine Tier 4 Interim

Mobile Land Use Mitigation -

Mobile Commute Mitigation - Daily attendance is approximately 15,000 students in the Oxnard SD and the district claims to give rides to 2500 students daily.

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
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tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblLandUse	LandUseSquareFeet	29,390.42	40,322.00
tblLandUse	LotAcreage	0.67	8.40
tblLandUse	LotAcreage	2.04	2.70
tblVehicleTrips	WD_TR	1.62	2.10
tblVehicleTrips	WD_TR	0.00	1.20

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.3823	34.5478	28.4882	0.0635	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,154.1299	6,154.1299	1.9474	0.0000	6,202.8146
2024	50.0918	14.9634	17.7238	0.0359	0.5938	0.6181	1.2119	0.1607	0.5813	0.7420	0.0000	3,492.1592	3,492.1592	0.7161	0.0000	3,508.4054
Maximum	**50.0918**	**34.5478**	**28.4882**	**0.0635**	**18.2141**	**1.4256**	**19.4811**	**9.9699**	**1.3115**	**11.1355**	**0.0000**	**6,154.1299**	**6,154.1299**	**1.9474**	**0.0000**	**6,202.8146**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.0716	19.3029	37.1596	0.0635	8.2777	0.1026	8.3407	4.5080	0.1025	4.5710	0.0000	6,154.1299	6,154.1299	1.9474	0.0000	6,202.8145
2024	49.9655	12.4318	19.4308	0.0359	0.5938	0.0893	0.6832	0.1607	0.0890	0.2497	0.0000	3,492.1592	3,492.1592	0.7161	0.0000	3,508.4054
Maximum	**49.9655**	**19.3029**	**37.1596**	**0.0635**	**8.2777**	**0.1026**	**8.3407**	**4.5080**	**0.1025**	**4.5710**	**0.0000**	**6,154.1299**	**6,154.1299**	**1.9474**	**0.0000**	**6,202.8145**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.56**	**35.90**	**-22.46**	**0.00**	**52.83**	**90.61**	**56.39**	**53.91**	**89.88**	**59.41**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.1729	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112
Energy	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944
Mobile	0.6113	2.0448	6.7193	0.0254	2.4981	0.0190	2.5171	0.6671	0.0177	0.6847		2,580.6574	2,580.6574	0.0968		2,583.0771
Total	**1.7982**	**2.1734**	**6.8757**	**0.0262**	**2.4981**	**0.0290**	**2.5270**	**0.6671**	**0.0276**	**0.6947**		**2,734.6417**	**2,734.6417**	**0.1000**	**2.8200e-003**	**2,737.9827**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.1083	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112
Energy	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944
Mobile	0.5860	1.9100	5.9487	0.0219	2.1302	0.0166	2.1468	0.5688	0.0155	0.5843		2,224.9871	2,224.9871	0.0856		2,227.1265
Total	**1.7085**	**2.0386**	**6.1050**	**0.0227**	**2.1302**	**0.0266**	**2.1568**	**0.5688**	**0.0254**	**0.5942**		**2,378.9714**	**2,378.9714**	**0.0888**	**2.8200e-003**	**2,382.0321**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.99**	**6.20**	**11.21**	**13.40**	**14.73**	**8.26**	**14.65**	**14.73**	**8.01**	**14.46**	**0.00**	**13.01**	**13.01**	**11.21**	**0.00**	**13.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	2/1/2023	2/14/2023	5	10	
2	Grading	Grading	2/15/2023	3/28/2023	5	30	
3	Building Construction	Building Construction	3/29/2023	5/21/2024	5	300	
4	Paving	Paving	5/22/2024	6/18/2024	5	20	
5	Architectural Coating	Architectural Coating	6/19/2024	7/16/2024	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 2.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 60,483; Non-Residential Outdoor: 20,161; Striped Parking Area: 5,448 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Scrapers	2	8.00	367	0.48
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	55.00	21.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	11.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**18.0663**	**1.2660**	**19.3323**	**9.9307**	**1.1647**	**11.0954**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

3.2 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0546	0.0290	0.3933	1.2900e-003	0.1479	9.8000e-004	0.1488	0.0392	9.0000e-004	0.0401		128.3870	128.3870	2.8400e-003		128.4579
Total	**0.0546**	**0.0290**	**0.3933**	**1.2900e-003**	**0.1479**	**9.8000e-004**	**0.1488**	**0.0392**	**9.0000e-004**	**0.0401**		**128.3870**	**128.3870**	**2.8400e-003**		**128.4579**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**0.6967**	**12.1620**	**22.9600**	**0.0381**	**8.1298**	**0.0621**	**8.1919**	**4.4688**	**0.0621**	**4.5309**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

3.2 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0546	0.0290	0.3933	1.2900e-003	0.1479	9.8000e-004	0.1488	0.0392	9.0000e-004	0.0401		128.3870	128.3870	2.8400e-003		128.4579
Total	**0.0546**	**0.0290**	**0.3933**	**1.2900e-003**	**0.1479**	**9.8000e-004**	**0.1488**	**0.0392**	**9.0000e-004**	**0.0401**		**128.3870**	**128.3870**	**2.8400e-003**		**128.4579**

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**8.6733**	**1.4245**	**10.0978**	**3.5965**	**1.3105**	**4.9070**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

3.3 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0606	0.0322	0.4370	1.4300e-003	0.1643	1.0800e-003	0.1654	0.0436	1.0000e-003	0.0446		142.6522	142.6522	3.1500e-003		142.7310
Total	**0.0606**	**0.0322**	**0.4370**	**1.4300e-003**	**0.1643**	**1.0800e-003**	**0.1654**	**0.0436**	**1.0000e-003**	**0.0446**		**142.6522**	**142.6522**	**3.1500e-003**		**142.7310**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**1.0110**	**19.2707**	**36.7226**	**0.0621**	**3.9030**	**0.1015**	**4.0045**	**1.6184**	**0.1015**	**1.7200**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

3.3 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0606	0.0322	0.4370	1.4300e-003	0.1643	1.0800e-003	0.1654	0.0436	1.0000e-003	0.0446		142.6522	142.6522	3.1500e-003		142.7310
Total	**0.0606**	**0.0322**	**0.4370**	**1.4300e-003**	**0.1643**	**1.0800e-003**	**0.1654**	**0.0436**	**1.0000e-003**	**0.0446**		**142.6522**	**142.6522**	**3.1500e-003**		**142.7310**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0407	1.4557	0.4491	5.1900e-003	0.1420	1.8400e-003	0.1438	0.0409	1.7600e-003	0.0426		560.8421	560.8421	0.0382		561.7978
Worker	0.1667	0.0887	1.2017	3.9300e-003	0.4518	2.9800e-003	0.4548	0.1198	2.7500e-003	0.1226		392.2935	392.2935	8.6700e-003		392.5102
Total	**0.2073**	**1.5444**	**1.6508**	**9.1200e-003**	**0.5938**	**4.8200e-003**	**0.5986**	**0.1607**	**4.5100e-003**	**0.1652**		**953.1356**	**953.1356**	**0.0469**		**954.3080**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.5335**	**10.9122**	**17.8738**	**0.0269**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0407	1.4557	0.4491	5.1900e-003	0.1420	1.8400e-003	0.1438	0.0409	1.7600e-003	0.0426		560.8421	560.8421	0.0382		561.7978
Worker	0.1667	0.0887	1.2017	3.9300e-003	0.4518	2.9800e-003	0.4548	0.1198	2.7500e-003	0.1226		392.2935	392.2935	8.6700e-003		392.5102
Total	**0.2073**	**1.5444**	**1.6508**	**9.1200e-003**	**0.5938**	**4.8200e-003**	**0.5986**	**0.1607**	**4.5100e-003**	**0.1652**		**953.1356**	**953.1356**	**0.0469**		**954.3080**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0394	1.4391	0.4379	5.1600e-003	0.1420	1.8100e-003	0.1438	0.0409	1.7300e-003	0.0426		558.0343	558.0343	0.0376		558.9739
Worker	0.1576	0.0806	1.1191	3.8000e-003	0.4518	2.9400e-003	0.4548	0.1198	2.7100e-003	0.1226		378.4260	378.4260	7.9100e-003		378.6239
Total	**0.1969**	**1.5197**	**1.5570**	**8.9600e-003**	**0.5938**	**4.7500e-003**	**0.5986**	**0.1607**	**4.4400e-003**	**0.1651**		**936.4603**	**936.4603**	**0.0455**		**937.5978**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0394	1.4391	0.4379	5.1600e-003	0.1420	1.8100e-003	0.1438	0.0409	1.7300e-003	0.0426		558.0343	558.0343	0.0376		558.9739
Worker	0.1576	0.0806	1.1191	3.8000e-003	0.4518	2.9400e-003	0.4548	0.1198	2.7100e-003	0.1226		378.4260	378.4260	7.9100e-003		378.6239
Total	**0.1969**	**1.5197**	**1.5570**	**8.9600e-003**	**0.5938**	**4.7500e-003**	**0.5986**	**0.1607**	**4.4400e-003**	**0.1651**		**936.4603**	**936.4603**	**0.0455**		**937.5978**

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.3537					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3419**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.5 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0430	0.0220	0.3052	1.0400e-003	0.1232	8.0000e-004	0.1240	0.0327	7.4000e-004	0.0334		103.2071	103.2071	2.1600e-003		103.2611
Total	**0.0430**	**0.0220**	**0.3052**	**1.0400e-003**	**0.1232**	**8.0000e-004**	**0.1240**	**0.0327**	**7.4000e-004**	**0.0334**		**103.2071**	**103.2071**	**2.1600e-003**		**103.2611**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.3537					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6878**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.5 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0430	0.0220	0.3052	1.0400e-003	0.1232	8.0000e-004	0.1240	0.0327	7.4000e-004	0.0334		103.2071	103.2071	2.1600e-003		103.2611
Total	**0.0430**	**0.0220**	**0.3052**	**1.0400e-003**	**0.1232**	**8.0000e-004**	**0.1240**	**0.0327**	**7.4000e-004**	**0.0334**		**103.2071**	**103.2071**	**2.1600e-003**		**103.2611**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	49.8796					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**50.0603**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0315	0.0161	0.2238	7.6000e-004	0.0904	5.9000e-004	0.0910	0.0240	5.4000e-004	0.0245		75.6852	75.6852	1.5800e-003		75.7248
Total	**0.0315**	**0.0161**	**0.2238**	**7.6000e-004**	**0.0904**	**5.9000e-004**	**0.0910**	**0.0240**	**5.4000e-004**	**0.0245**		**75.6852**	**75.6852**	**1.5800e-003**		**75.7248**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	49.8796					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**49.9340**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0315	0.0161	0.2238	7.6000e-004	0.0904	5.9000e-004	0.0910	0.0240	5.4000e-004	0.0245		75.6852	75.6852	1.5800e-003		75.7248
Total	**0.0315**	**0.0161**	**0.2238**	**7.6000e-004**	**0.0904**	**5.9000e-004**	**0.0910**	**0.0240**	**5.4000e-004**	**0.0245**		**75.6852**	**75.6852**	**1.5800e-003**		**75.7248**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Walkability Design

Improve Destination Accessibility

Implement School Bus Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5860	1.9100	5.9487	0.0219	2.1302	0.0166	2.1468	0.5688	0.0155	0.5843		2,224.9871	2,224.9871	0.0856		2,227.1265
Unmitigated	0.6113	2.0448	6.7193	0.0254	2.4981	0.0190	2.5171	0.6671	0.0177	0.6847		2,580.6574	2,580.6574	0.0968		2,583.0771

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Junior High School	525.00	0.00	0.00	843,073	718,911
Parking Lot	0.00	0.00	0.00		
Total	525.00	0.00	0.00	843,073	718,911

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Junior High School	9.50	7.30	7.30	72.80	22.20	5.00	63	25	12
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Junior High School	0.597457	0.040465	0.187858	0.105115	0.017041	0.006067	0.020072	0.018206	0.001182	0.001040	0.003816	0.000389	0.001293
Parking Lot	0.597457	0.040465	0.187858	0.105115	0.017041	0.006067	0.020072	0.018206	0.001182	0.001040	0.003816	0.000389	0.001293

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944
NaturalGas Unmitigated	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Junior High School	1307.98	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0141**	**0.1282**	**0.1077**	**7.7000e-004**		**9.7500e-003**	**9.7500e-003**		**9.7500e-003**	**9.7500e-003**		**153.8799**	**153.8799**	**2.9500e-003**	**2.8200e-003**	**154.7944**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Junior High School	1.30798	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0141**	**0.1282**	**0.1077**	**7.7000e-004**		**9.7500e-003**	**9.7500e-003**		**9.7500e-003**	**9.7500e-003**		**153.8799**	**153.8799**	**2.9500e-003**	**2.8200e-003**	**154.7944**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.1083	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112
Unmitigated	1.1729	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2733					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8951					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.4900e-003	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112
Total	**1.1729**	**4.4000e-004**	**0.0486**	**0.0000**		**1.7000e-004**	**1.7000e-004**		**1.7000e-004**	**1.7000e-004**		**0.1044**	**0.1044**	**2.7000e-004**		**0.1112**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2733					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.4900e-003	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112
Total	**1.1083**	**4.4000e-004**	**0.0486**	**0.0000**		**1.7000e-004**	**1.7000e-004**		**1.7000e-004**	**1.7000e-004**		**0.1044**	**0.1044**	**2.7000e-004**		**0.1112**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Toilet

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Rio Del Valle MS

Ventura County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	250.00	Student	8.40	40,322.00	0
Parking Lot	227.00	Space	2.70	90,800.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Total lot 11.1 acres split into 8.4 acres for the expansionand 2.7 for parking structures

Construction Phase -

Vehicle Trips - Trip Generation Rates per Traffic Study: 2.10 ADT/student and 267 ADT/site (267 ADT/227 spaces = 1.2)

Construction Off-road Equipment Mitigation - Average engine Tier 4 Interim

Mobile Land Use Mitigation -

Mobile Commute Mitigation - Daily attendance is approximately 15,000 students in the Oxnard SD and the district claims to give rides to 2500 students daily.

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblLandUse	LandUseSquareFeet	29,390.42	40,322.00
tblLandUse	LotAcreage	0.67	8.40
tblLandUse	LotAcreage	2.04	2.70
tblVehicleTrips	WD_TR	1.62	2.10
tblVehicleTrips	WD_TR	0.00	1.20

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	3.3908	34.5534	28.4746	0.0635	18.2141	1.4256	19.4811	9.9699	1.3115	11.1355	0.0000	6,147.2259	6,147.2259	1.9473	0.0000	6,195.9074
2024	50.0963	14.9692	17.7347	0.0356	0.5938	0.6182	1.2120	0.1607	0.5814	0.7421	0.0000	3,460.0666	3,460.0666	0.7160	0.0000	3,476.3534
Maximum	**50.0963**	**34.5534**	**28.4746**	**0.0635**	**18.2141**	**1.4256**	**19.4811**	**9.9699**	**1.3115**	**11.1355**	**0.0000**	**6,147.2259**	**6,147.2259**	**1.9473**	**0.0000**	**6,195.9074**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2023	1.0801	19.3085	37.1460	0.0635	8.2777	0.1026	8.3407	4.5080	0.1025	4.5710	0.0000	6,147.2259	6,147.2259	1.9473	0.0000	6,195.9073
2024	49.9700	12.4376	19.4417	0.0356	0.5938	0.0895	0.6833	0.1607	0.0891	0.2498	0.0000	3,460.0666	3,460.0666	0.7160	0.0000	3,476.3534
Maximum	**49.9700**	**19.3085**	**37.1460**	**0.0635**	**8.2777**	**0.1026**	**8.3407**	**4.5080**	**0.1025**	**4.5710**	**0.0000**	**6,147.2259**	**6,147.2259**	**1.9473**	**0.0000**	**6,195.9073**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**4.56**	**35.90**	**-22.46**	**0.00**	**52.83**	**90.60**	**56.39**	**53.91**	**89.87**	**59.41**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.1729	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112
Energy	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944
Mobile	0.5740	2.1233	6.8197	0.0244	2.4981	0.0191	2.5172	0.6671	0.0178	0.6848		2,473.1805	2,473.1805	0.0984		2,475.6410
Total	**1.7609**	**2.2520**	**6.9760**	**0.0251**	**2.4981**	**0.0291**	**2.5271**	**0.6671**	**0.0277**	**0.6948**		**2,627.1648**	**2,627.1648**	**0.1016**	**2.8200e-003**	**2,630.5466**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	1.1083	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112
Energy	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944
Mobile	0.5490	1.9763	6.1037	0.0210	2.1302	0.0167	2.1469	0.5688	0.0155	0.5844		2,131.4790	2,131.4790	0.0875		2,133.6659
Total	**1.6715**	**2.1050**	**6.2601**	**0.0218**	**2.1302**	**0.0267**	**2.1568**	**0.5688**	**0.0255**	**0.5943**		**2,285.4633**	**2,285.4633**	**0.0907**	**2.8200e-003**	**2,288.5715**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**5.08**	**6.53**	**10.26**	**13.40**	**14.73**	**8.23**	**14.65**	**14.73**	**8.02**	**14.46**	**0.00**	**13.01**	**13.01**	**10.76**	**0.00**	**13.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	2/1/2023	2/14/2023	5	10	
2	Grading	Grading	2/15/2023	3/28/2023	5	30	
3	Building Construction	Building Construction	3/29/2023	5/21/2024	5	300	
4	Paving	Paving	5/22/2024	6/18/2024	5	20	
5	Architectural Coating	Architectural Coating	6/19/2024	7/16/2024	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 2.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 60,483; Non-Residential Outdoor: 20,161; Striped Parking Area: 5,448 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Scrapers	2	8.00	367	0.48
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	55.00	21.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	11.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**18.0663**	**1.2660**	**19.3323**	**9.9307**	**1.1647**	**11.0954**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

3.2 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0622	0.0340	0.3811	1.2300e-003	0.1479	9.8000e-004	0.1488	0.0392	9.0000e-004	0.0401		122.1733	122.1733	2.7200e-003		122.2414
Total	**0.0622**	**0.0340**	**0.3811**	**1.2300e-003**	**0.1479**	**9.8000e-004**	**0.1488**	**0.0392**	**9.0000e-004**	**0.0401**		**122.1733**	**122.1733**	**2.7200e-003**		**122.2414**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.1298	0.0000	8.1298	4.4688	0.0000	4.4688			0.0000			0.0000
Off-Road	0.6967	12.1620	22.9600	0.0381		0.0621	0.0621		0.0621	0.0621	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**0.6967**	**12.1620**	**22.9600**	**0.0381**	**8.1298**	**0.0621**	**8.1919**	**4.4688**	**0.0621**	**4.5309**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

3.2 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0622	0.0340	0.3811	1.2300e-003	0.1479	9.8000e-004	0.1488	0.0392	9.0000e-004	0.0401		122.1733	122.1733	2.7200e-003		122.2414
Total	**0.0622**	**0.0340**	**0.3811**	**1.2300e-003**	**0.1479**	**9.8000e-004**	**0.1488**	**0.0392**	**9.0000e-004**	**0.0401**		**122.1733**	**122.1733**	**2.7200e-003**		**122.2414**

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					8.6733	0.0000	8.6733	3.5965	0.0000	3.5965			0.0000			0.0000
Off-Road	3.3217	34.5156	28.0512	0.0621		1.4245	1.4245		1.3105	1.3105		6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**3.3217**	**34.5156**	**28.0512**	**0.0621**	**8.6733**	**1.4245**	**10.0978**	**3.5965**	**1.3105**	**4.9070**		**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

3.3 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0691	0.0378	0.4234	1.3600e-003	0.1643	1.0800e-003	0.1654	0.0436	1.0000e-003	0.0446		135.7481	135.7481	3.0300e-003		135.8238
Total	**0.0691**	**0.0378**	**0.4234**	**1.3600e-003**	**0.1643**	**1.0800e-003**	**0.1654**	**0.0436**	**1.0000e-003**	**0.0446**		**135.7481**	**135.7481**	**3.0300e-003**		**135.8238**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					3.9030	0.0000	3.9030	1.6184	0.0000	1.6184			0.0000			0.0000
Off-Road	1.0110	19.2707	36.7226	0.0621		0.1015	0.1015		0.1015	0.1015	0.0000	6,011.4777	6,011.4777	1.9442		6,060.0836
Total	**1.0110**	**19.2707**	**36.7226**	**0.0621**	**3.9030**	**0.1015**	**4.0045**	**1.6184**	**0.1015**	**1.7200**	**0.0000**	**6,011.4777**	**6,011.4777**	**1.9442**		**6,060.0836**

3.3 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0691	0.0378	0.4234	1.3600e-003	0.1643	1.0800e-003	0.1654	0.0436	1.0000e-003	0.0446		135.7481	135.7481	3.0300e-003		135.8238
Total	**0.0691**	**0.0378**	**0.4234**	**1.3600e-003**	**0.1643**	**1.0800e-003**	**0.1654**	**0.0436**	**1.0000e-003**	**0.0446**		**135.7481**	**135.7481**	**3.0300e-003**		**135.8238**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0433	1.4474	0.4993	5.0700e-003	0.1420	1.9600e-003	0.1440	0.0409	1.8700e-003	0.0427		546.8849	546.8849	0.0403		547.8924
Worker	0.1899	0.1039	1.1644	3.7400e-003	0.4518	2.9800e-003	0.4548	0.1198	2.7500e-003	0.1226		373.3074	373.3074	8.3200e-003		373.5154
Total	**0.2333**	**1.5513**	**1.6637**	**8.8100e-003**	**0.5938**	**4.9400e-003**	**0.5987**	**0.1607**	**4.6200e-003**	**0.1653**		**920.1923**	**920.1923**	**0.0486**		**921.4078**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0269		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**0.5335**	**10.9122**	**17.8738**	**0.0269**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0433	1.4474	0.4993	5.0700e-003	0.1420	1.9600e-003	0.1440	0.0409	1.8700e-003	0.0427		546.8849	546.8849	0.0403		547.8924
Worker	0.1899	0.1039	1.1644	3.7400e-003	0.4518	2.9800e-003	0.4548	0.1198	2.7500e-003	0.1226		373.3074	373.3074	8.3200e-003		373.5154
Total	**0.2333**	**1.5513**	**1.6637**	**8.8100e-003**	**0.5938**	**4.9400e-003**	**0.5987**	**0.1607**	**4.6200e-003**	**0.1653**		**920.1923**	**920.1923**	**0.0486**		**921.4078**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0419	1.4311	0.4859	5.0400e-003	0.1420	1.9100e-003	0.1439	0.0409	1.8300e-003	0.0427		544.2723	544.2723	0.0395		545.2609
Worker	0.1801	0.0944	1.0820	3.6100e-003	0.4518	2.9400e-003	0.4548	0.1198	2.7100e-003	0.1226		360.0954	360.0954	7.5800e-003		360.2849
Total	**0.2219**	**1.5254**	**1.5679**	**8.6500e-003**	**0.5938**	**4.8500e-003**	**0.5987**	**0.1607**	**4.5400e-003**	**0.1652**		**904.3677**	**904.3677**	**0.0471**		**905.5458**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.5335	10.9122	17.8738	0.0270		0.0846	0.0846		0.0846	0.0846	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**0.5335**	**10.9122**	**17.8738**	**0.0270**		**0.0846**	**0.0846**		**0.0846**	**0.0846**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0419	1.4311	0.4859	5.0400e-003	0.1420	1.9100e-003	0.1439	0.0409	1.8300e-003	0.0427		544.2723	544.2723	0.0395		545.2609
Worker	0.1801	0.0944	1.0820	3.6100e-003	0.4518	2.9400e-003	0.4548	0.1198	2.7100e-003	0.1226		360.0954	360.0954	7.5800e-003		360.2849
Total	**0.2219**	**1.5254**	**1.5679**	**8.6500e-003**	**0.5938**	**4.8500e-003**	**0.5987**	**0.1607**	**4.5400e-003**	**0.1652**		**904.3677**	**904.3677**	**0.0471**		**905.5458**

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.3537					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.3419**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.5 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0491	0.0257	0.2951	9.8000e-004	0.1232	8.0000e-004	0.1240	0.0327	7.4000e-004	0.0334		98.2079	98.2079	2.0700e-003		98.2595
Total	**0.0491**	**0.0257**	**0.2951**	**9.8000e-004**	**0.1232**	**8.0000e-004**	**0.1240**	**0.0327**	**7.4000e-004**	**0.0334**		**98.2079**	**98.2079**	**2.0700e-003**		**98.2595**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3341	10.0395	17.2957	0.0228		0.0374	0.0374		0.0374	0.0374	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.3537					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.6878**	**10.0395**	**17.2957**	**0.0228**		**0.0374**	**0.0374**		**0.0374**	**0.0374**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

3.5 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0491	0.0257	0.2951	9.8000e-004	0.1232	8.0000e-004	0.1240	0.0327	7.4000e-004	0.0334		98.2079	98.2079	2.0700e-003		98.2595
Total	**0.0491**	**0.0257**	**0.2951**	**9.8000e-004**	**0.1232**	**8.0000e-004**	**0.1240**	**0.0327**	**7.4000e-004**	**0.0334**		**98.2079**	**98.2079**	**2.0700e-003**		**98.2595**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	49.8796					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**50.0603**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0360	0.0189	0.2164	7.2000e-004	0.0904	5.9000e-004	0.0910	0.0240	5.4000e-004	0.0245		72.0191	72.0191	1.5200e-003		72.0570
Total	**0.0360**	**0.0189**	**0.2164**	**7.2000e-004**	**0.0904**	**5.9000e-004**	**0.0910**	**0.0240**	**5.4000e-004**	**0.0245**		**72.0191**	**72.0191**	**1.5200e-003**		**72.0570**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	49.8796					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.0545	1.0598	1.8324	2.9700e-003		3.9600e-003	3.9600e-003		3.9600e-003	3.9600e-003	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**49.9340**	**1.0598**	**1.8324**	**2.9700e-003**		**3.9600e-003**	**3.9600e-003**		**3.9600e-003**	**3.9600e-003**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0360	0.0189	0.2164	7.2000e-004	0.0904	5.9000e-004	0.0910	0.0240	5.4000e-004	0.0245		72.0191	72.0191	1.5200e-003		72.0570
Total	**0.0360**	**0.0189**	**0.2164**	**7.2000e-004**	**0.0904**	**5.9000e-004**	**0.0910**	**0.0240**	**5.4000e-004**	**0.0245**		**72.0191**	**72.0191**	**1.5200e-003**		**72.0570**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Walkability Design

Improve Destination Accessibility

Implement School Bus Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5490	1.9763	6.1037	0.0210	2.1302	0.0167	2.1469	0.5688	0.0155	0.5844		2,131.4790	2,131.4790	0.0875		2,133.6659
Unmitigated	0.5740	2.1233	6.8197	0.0244	2.4981	0.0191	2.5172	0.6671	0.0178	0.6848		2,473.1805	2,473.1805	0.0984		2,475.6410

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Junior High School	525.00	0.00	0.00	843,073	718,911
Parking Lot	0.00	0.00	0.00		
Total	525.00	0.00	0.00	843,073	718,911

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Junior High School	9.50	7.30	7.30	72.80	22.20	5.00	63	25	12
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Junior High School	0.597457	0.040465	0.187858	0.105115	0.017041	0.006067	0.020072	0.018206	0.001182	0.001040	0.003816	0.000389	0.001293
Parking Lot	0.597457	0.040465	0.187858	0.105115	0.017041	0.006067	0.020072	0.018206	0.001182	0.001040	0.003816	0.000389	0.001293

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944
NaturalGas Unmitigated	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Junior High School	1307.98	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0141**	**0.1282**	**0.1077**	**7.7000e-004**		**9.7500e-003**	**9.7500e-003**		**9.7500e-003**	**9.7500e-003**		**153.8799**	**153.8799**	**2.9500e-003**	**2.8200e-003**	**154.7944**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Junior High School	1.30798	0.0141	0.1282	0.1077	7.7000e-004		9.7500e-003	9.7500e-003		9.7500e-003	9.7500e-003		153.8799	153.8799	2.9500e-003	2.8200e-003	154.7944
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Total		**0.0141**	**0.1282**	**0.1077**	**7.7000e-004**		**9.7500e-003**	**9.7500e-003**		**9.7500e-003**	**9.7500e-003**		**153.8799**	**153.8799**	**2.9500e-003**	**2.8200e-003**	**154.7944**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.1083	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112
Unmitigated	1.1729	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2733					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8951					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.4900e-003	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112
Total	**1.1729**	**4.4000e-004**	**0.0486**	**0.0000**		**1.7000e-004**	**1.7000e-004**		**1.7000e-004**	**1.7000e-004**		**0.1044**	**0.1044**	**2.7000e-004**		**0.1112**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.2733					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.8305					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Landscaping	4.4900e-003	4.4000e-004	0.0486	0.0000		1.7000e-004	1.7000e-004		1.7000e-004	1.7000e-004		0.1044	0.1044	2.7000e-004		0.1112
Total	**1.1083**	**4.4000e-004**	**0.0486**	**0.0000**		**1.7000e-004**	**1.7000e-004**		**1.7000e-004**	**1.7000e-004**		**0.1044**	**0.1044**	**2.7000e-004**		**0.1112**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Toilet

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Rio Del Valle MS

Ventura County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Junior High School	250.00	Student	8.40	40,322.00	0
Parking Lot	227.00	Space	2.70	90,800.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	31
Climate Zone	8			**Operational Year**	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Rio Del Valle MS - Ventura County, Annual

Project Characteristics -

Land Use - Total lot 11.1 acres split into 8.4 acres for the expansionand 2.7 for parking structures

Construction Phase -

Vehicle Trips - Trip Generation Rates per Traffic Study: 2.10 ADT/student and 267 ADT/site (267 ADT/227 spaces = 1.2)

Construction Off-road Equipment Mitigation - Average engine Tier 4 Interim

Mobile Land Use Mitigation -

Mobile Commute Mitigation - Daily attendance is approximately 15,000 students in the Oxnard SD and the district claims to give rides to 2500 students daily.

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblAreaMitigation	UseLowVOCPaintParkingCheck	False	True
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00

tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblConstEquipMitigation	Tier	No Change	Tier 4 Interim
tblLandUse	LandUseSquareFeet	29,390.42	40,322.00
tblLandUse	LotAcreage	0.67	8.40
tblLandUse	LotAcreage	2.04	2.70
tblVehicleTrips	WD_TR	1.62	2.10
tblVehicleTrips	WD_TR	0.00	1.20

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.2409	2.2351	2.2896	4.7000e-003	0.2813	0.0975	0.3788	0.1201	0.0911	0.2112	0.0000	414.0779	414.0779	0.0908	0.0000	416.3473
2024	0.6000	0.8720	1.0722	2.1000e-003	0.0319	0.0368	0.0687	8.6200e-003	0.0346	0.0432	0.0000	184.7258	184.7258	0.0368	0.0000	185.6445
Maximum	**0.6000**	**2.2351**	**2.2896**	**4.7000e-003**	**0.2813**	**0.0975**	**0.3788**	**0.1201**	**0.0911**	**0.2112**	**0.0000**	**414.0779**	**414.0779**	**0.0908**	**0.0000**	**416.3473**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2023	0.0935	1.5858	2.6046	4.7000e-003	0.1601	0.0107	0.1708	0.0631	0.0107	0.0738	0.0000	414.0775	414.0775	0.0908	0.0000	416.3469
2024	0.5444	0.7464	1.1862	2.1000e-003	0.0319	4.9900e-003	0.0368	8.6200e-003	4.9700e-003	0.0136	0.0000	184.7257	184.7257	0.0368	0.0000	185.6443
Maximum	**0.5444**	**1.5858**	**2.6046**	**4.7000e-003**	**0.1601**	**0.0107**	**0.1708**	**0.0631**	**0.0107**	**0.0738**	**0.0000**	**414.0775**	**414.0775**	**0.0908**	**0.0000**	**416.3469**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**24.14**	**24.94**	**-12.76**	**0.00**	**38.71**	**88.31**	**53.60**	**44.27**	**87.55**	**65.66**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	2-1-2023	4-30-2023	0.9293	0.5262
2	5-1-2023	7-31-2023	0.5819	0.4336
3	8-1-2023	10-31-2023	0.5822	0.4340
4	11-1-2023	1-31-2024	0.5710	0.4343
5	2-1-2024	4-30-2024	0.5353	0.4237
6	5-1-2024	7-31-2024	0.7473	0.7171
		Highest	0.9293	0.7171

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2136	4.0000e-005	4.3800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.5200e-003	8.5200e-003	2.0000e-005	0.0000	9.0800e-003
Energy	2.5700e-003	0.0234	0.0197	1.4000e-004		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003	0.0000	113.7149	113.7149	4.1300e-003	1.2200e-003	114.1819
Mobile	0.0740	0.2754	0.8657	3.1900e-003	0.3188	2.4800e-003	0.3213	0.0853	2.3000e-003	0.0876	0.0000	293.9670	293.9670	0.0114	0.0000	294.2529
Waste						0.0000	0.0000		0.0000	0.0000	9.2625	0.0000	9.2625	0.5474	0.0000	22.9474
Water						0.0000	0.0000		0.0000	0.0000	0.1923	8.0311	8.2234	0.0201	5.3000e-004	8.8848
Total	**0.2902**	**0.2988**	**0.8898**	**3.3300e-003**	**0.3188**	**4.2800e-003**	**0.3231**	**0.0853**	**4.1000e-003**	**0.0894**	**9.4548**	**415.7215**	**425.1762**	**0.5831**	**1.7500e-003**	**440.2760**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.2019	4.0000e-005	4.3800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.5200e-003	8.5200e-003	2.0000e-005	0.0000	9.0800e-003
Energy	2.5700e-003	0.0234	0.0197	1.4000e-004		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003	0.0000	113.7149	113.7149	4.1300e-003	1.2200e-003	114.1819
Mobile	0.0708	0.2565	0.7721	2.7500e-003	0.2719	2.1700e-003	0.2740	0.0727	2.0100e-003	0.0747	0.0000	253.4547	253.4547	0.0101	0.0000	253.7082
Waste						0.0000	0.0000		0.0000	0.0000	4.8165	0.0000	4.8165	0.2847	0.0000	11.9327
Water						0.0000	0.0000		0.0000	0.0000	0.1796	7.5286	7.7082	0.0188	5.0000e-004	8.3261
Total	**0.2752**	**0.2799**	**0.7961**	**2.8900e-003**	**0.2719**	**3.9700e-003**	**0.2758**	**0.0727**	**3.8100e-003**	**0.0765**	**4.9961**	**374.7067**	**379.7028**	**0.3177**	**1.7200e-003**	**388.1579**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**5.17**	**6.33**	**10.52**	**13.21**	**14.73**	**7.24**	**14.63**	**14.73**	**7.07**	**14.38**	**47.16**	**9.87**	**10.70**	**45.51**	**1.71**	**11.84**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	2/1/2023	2/14/2023	5	10	
2	Grading	Grading	2/15/2023	3/28/2023	5	30	
3	Building Construction	Building Construction	3/29/2023	5/21/2024	5	300	
4	Paving	Paving	5/22/2024	6/18/2024	5	20	
5	Architectural Coating	Architectural Coating	6/19/2024	7/16/2024	5	20	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 75

Acres of Paving: 2.7

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 60,483; Non-Residential Outdoor: 20,161; Striped Parking Area: 5,448 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Architectural Coating	Air Compressors	1	6.00	78	0.48
Grading	Scrapers	2	8.00	367	0.48
Grading	Excavators	2	8.00	158	0.38
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Paving	Pavers	2	8.00	130	0.42
Paving	Rollers	2	8.00	80	0.38
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Grading	Graders	1	8.00	187	0.41
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Paving	Paving Equipment	2	8.00	132	0.36
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Building Construction	Welders	1	8.00	46	0.45

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	55.00	21.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	11.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

3.2 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0903	0.0000	0.0903	0.0497	0.0000	0.0497	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0133	0.1376	0.0912	1.9000e-004		6.3300e-003	6.3300e-003		5.8200e-003	5.8200e-003	0.0000	16.7254	16.7254	5.4100e-003	0.0000	16.8606
Total	**0.0133**	**0.1376**	**0.0912**	**1.9000e-004**	**0.0903**	**6.3300e-003**	**0.0967**	**0.0497**	**5.8200e-003**	**0.0555**	**0.0000**	**16.7254**	**16.7254**	**5.4100e-003**	**0.0000**	**16.8606**

3.2 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.6000e-004	1.8900e-003	1.0000e-005	7.3000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.5587	0.5587	1.0000e-005	0.0000	0.5590
Total	**2.8000e-004**	**1.6000e-004**	**1.8900e-003**	**1.0000e-005**	**7.3000e-004**	**0.0000**	**7.3000e-004**	**1.9000e-004**	**0.0000**	**2.0000e-004**	**0.0000**	**0.5587**	**0.5587**	**1.0000e-005**	**0.0000**	**0.5590**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0407	0.0000	0.0407	0.0223	0.0000	0.0223	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4800e-003	0.0608	0.1148	1.9000e-004		3.1000e-004	3.1000e-004		3.1000e-004	3.1000e-004	0.0000	16.7253	16.7253	5.4100e-003	0.0000	16.8606
Total	**3.4800e-003**	**0.0608**	**0.1148**	**1.9000e-004**	**0.0407**	**3.1000e-004**	**0.0410**	**0.0223**	**3.1000e-004**	**0.0227**	**0.0000**	**16.7253**	**16.7253**	**5.4100e-003**	**0.0000**	**16.8606**

3.2 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8000e-004	1.6000e-004	1.8900e-003	1.0000e-005	7.3000e-004	0.0000	7.3000e-004	1.9000e-004	0.0000	2.0000e-004	0.0000	0.5587	0.5587	1.0000e-005	0.0000	0.5590
Total	**2.8000e-004**	**1.6000e-004**	**1.8900e-003**	**1.0000e-005**	**7.3000e-004**	**0.0000**	**7.3000e-004**	**1.9000e-004**	**0.0000**	**2.0000e-004**	**0.0000**	**0.5587**	**0.5587**	**1.0000e-005**	**0.0000**	**0.5590**

3.3 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1301	0.0000	0.1301	0.0540	0.0000	0.0540	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0498	0.5177	0.4208	9.3000e-004		0.0214	0.0214		0.0197	0.0197	0.0000	81.8028	81.8028	0.0265	0.0000	82.4642
Total	**0.0498**	**0.5177**	**0.4208**	**9.3000e-004**	**0.1301**	**0.0214**	**0.1515**	**0.0540**	**0.0197**	**0.0736**	**0.0000**	**81.8028**	**81.8028**	**0.0265**	**0.0000**	**82.4642**

3.3 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.2000e-004	5.5000e-004	6.3000e-003	2.0000e-005	2.4200e-003	2.0000e-005	2.4400e-003	6.4000e-004	1.0000e-005	6.6000e-004	0.0000	1.8622	1.8622	4.0000e-005	0.0000	1.8632
Total	**9.2000e-004**	**5.5000e-004**	**6.3000e-003**	**2.0000e-005**	**2.4200e-003**	**2.0000e-005**	**2.4400e-003**	**6.4000e-004**	**1.0000e-005**	**6.6000e-004**	**0.0000**	**1.8622**	**1.8622**	**4.0000e-005**	**0.0000**	**1.8632**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0586	0.0000	0.0586	0.0243	0.0000	0.0243	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0152	0.2891	0.5508	9.3000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	81.8027	81.8027	0.0265	0.0000	82.4641
Total	**0.0152**	**0.2891**	**0.5508**	**9.3000e-004**	**0.0586**	**1.5200e-003**	**0.0601**	**0.0243**	**1.5200e-003**	**0.0258**	**0.0000**	**81.8027**	**81.8027**	**0.0265**	**0.0000**	**82.4641**

3.3 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.2000e-004	5.5000e-004	6.3000e-003	2.0000e-005	2.4200e-003	2.0000e-005	2.4400e-003	6.4000e-004	1.0000e-005	6.6000e-004	0.0000	1.8622	1.8622	4.0000e-005	0.0000	1.8632
Total	**9.2000e-004**	**5.5000e-004**	**6.3000e-003**	**2.0000e-005**	**2.4200e-003**	**2.0000e-005**	**2.4400e-003**	**6.4000e-004**	**1.0000e-005**	**6.6000e-004**	**0.0000**	**1.8622**	**1.8622**	**4.0000e-005**	**0.0000**	**1.8632**

3.4 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1557	1.4241	1.6082	2.6700e-003		0.0693	0.0693		0.0652	0.0652	0.0000	229.4867	229.4867	0.0546	0.0000	230.8515
Total	**0.1557**	**1.4241**	**1.6082**	**2.6700e-003**		**0.0693**	**0.0693**		**0.0652**	**0.0652**	**0.0000**	**229.4867**	**229.4867**	**0.0546**	**0.0000**	**230.8515**

3.4 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1400e-003	0.1449	0.0469	5.1000e-004	0.0138	1.9000e-004	0.0140	3.9900e-003	1.8000e-004	4.1700e-003	0.0000	49.8435	49.8435	3.5100e-003	0.0000	49.9314
Worker	0.0167	9.9400e-003	0.1144	3.7000e-004	0.0439	3.0000e-004	0.0442	0.0117	2.7000e-004	0.0119	0.0000	33.7987	33.7987	7.5000e-004	0.0000	33.8175
Total	**0.0208**	**0.1549**	**0.1612**	**8.8000e-004**	**0.0577**	**4.9000e-004**	**0.0582**	**0.0157**	**4.5000e-004**	**0.0161**	**0.0000**	**83.6422**	**83.6422**	**4.2600e-003**	**0.0000**	**83.7489**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0528	1.0803	1.7695	2.6700e-003		8.3800e-003	8.3800e-003		8.3800e-003	8.3800e-003	0.0000	229.4864	229.4864	0.0546	0.0000	230.8512
Total	**0.0528**	**1.0803**	**1.7695**	**2.6700e-003**		**8.3800e-003**	**8.3800e-003**		**8.3800e-003**	**8.3800e-003**	**0.0000**	**229.4864**	**229.4864**	**0.0546**	**0.0000**	**230.8512**

3.4 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	4.1400e-003	0.1449	0.0469	5.1000e-004	0.0138	1.9000e-004	0.0140	3.9900e-003	1.8000e-004	4.1700e-003	0.0000	49.8435	49.8435	3.5100e-003	0.0000	49.9314
Worker	0.0167	9.9400e-003	0.1144	3.7000e-004	0.0439	3.0000e-004	0.0442	0.0117	2.7000e-004	0.0119	0.0000	33.7987	33.7987	7.5000e-004	0.0000	33.8175
Total	**0.0208**	**0.1549**	**0.1612**	**8.8000e-004**	**0.0577**	**4.9000e-004**	**0.0582**	**0.0157**	**4.5000e-004**	**0.0161**	**0.0000**	**83.6422**	**83.6422**	**4.2600e-003**	**0.0000**	**83.7489**

3.4 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0751	0.6856	0.8245	1.3700e-003		0.0313	0.0313		0.0294	0.0294	0.0000	118.2430	118.2430	0.0280	0.0000	118.9421
Total	**0.0751**	**0.6856**	**0.8245**	**1.3700e-003**		**0.0313**	**0.0313**		**0.0294**	**0.0294**	**0.0000**	**118.2430**	**118.2430**	**0.0280**	**0.0000**	**118.9421**

3.4 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0600e-003	0.0738	0.0235	2.6000e-004	7.1300e-003	9.0000e-005	7.2300e-003	2.0600e-003	9.0000e-005	2.1500e-003	0.0000	25.5508	25.5508	1.7800e-003	0.0000	25.5953
Worker	8.1400e-003	4.6500e-003	0.0548	1.9000e-004	0.0226	1.5000e-004	0.0228	6.0100e-003	1.4000e-004	6.1500e-003	0.0000	16.7954	16.7954	3.5000e-004	0.0000	16.8042
Total	**0.0102**	**0.0785**	**0.0783**	**4.5000e-004**	**0.0298**	**2.4000e-004**	**0.0300**	**8.0700e-003**	**2.3000e-004**	**8.3000e-003**	**0.0000**	**42.3462**	**42.3462**	**2.1300e-003**	**0.0000**	**42.3995**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0272	0.5565	0.9116	1.3700e-003		4.3100e-003	4.3100e-003		4.3100e-003	4.3100e-003	0.0000	118.2429	118.2429	0.0280	0.0000	118.9419
Total	**0.0272**	**0.5565**	**0.9116**	**1.3700e-003**		**4.3100e-003**	**4.3100e-003**		**4.3100e-003**	**4.3100e-003**	**0.0000**	**118.2429**	**118.2429**	**0.0280**	**0.0000**	**118.9419**

3.4 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.0600e-003	0.0738	0.0235	2.6000e-004	7.1300e-003	9.0000e-005	7.2300e-003	2.0600e-003	9.0000e-005	2.1500e-003	0.0000	25.5508	25.5508	1.7800e-003	0.0000	25.5953
Worker	8.1400e-003	4.6500e-003	0.0548	1.9000e-004	0.0226	1.5000e-004	0.0228	6.0100e-003	1.4000e-004	6.1500e-003	0.0000	16.7954	16.7954	3.5000e-004	0.0000	16.8042
Total	**0.0102**	**0.0785**	**0.0783**	**4.5000e-004**	**0.0298**	**2.4000e-004**	**0.0300**	**8.0700e-003**	**2.3000e-004**	**8.3000e-003**	**0.0000**	**42.3462**	**42.3462**	**2.1300e-003**	**0.0000**	**42.3995**

3.5 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.8800e-003	0.0953	0.1463	2.3000e-004		4.6900e-003	4.6900e-003		4.3100e-003	4.3100e-003	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1885
Paving	3.5400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0134**	**0.0953**	**0.1463**	**2.3000e-004**		**4.6900e-003**	**4.6900e-003**		**4.3100e-003**	**4.3100e-003**	**0.0000**	**20.0265**	**20.0265**	**6.4800e-003**	**0.0000**	**20.1885**

3.5 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.5000e-004	2.9300e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.8982	0.8982	2.0000e-005	0.0000	0.8986
Total	**4.4000e-004**	**2.5000e-004**	**2.9300e-003**	**1.0000e-005**	**1.2100e-003**	**1.0000e-005**	**1.2200e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**0.8982**	**0.8982**	**2.0000e-005**	**0.0000**	**0.8986**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	3.3400e-003	0.1004	0.1730	2.3000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.0265	20.0265	6.4800e-003	0.0000	20.1884
Paving	3.5400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**6.8800e-003**	**0.1004**	**0.1730**	**2.3000e-004**		**3.7000e-004**	**3.7000e-004**		**3.7000e-004**	**3.7000e-004**	**0.0000**	**20.0265**	**20.0265**	**6.4800e-003**	**0.0000**	**20.1884**

3.5 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.5000e-004	2.9300e-003	1.0000e-005	1.2100e-003	1.0000e-005	1.2200e-003	3.2000e-004	1.0000e-005	3.3000e-004	0.0000	0.8982	0.8982	2.0000e-005	0.0000	0.8986
Total	**4.4000e-004**	**2.5000e-004**	**2.9300e-003**	**1.0000e-005**	**1.2100e-003**	**1.0000e-005**	**1.2200e-003**	**3.2000e-004**	**1.0000e-005**	**3.3000e-004**	**0.0000**	**0.8982**	**0.8982**	**2.0000e-005**	**0.0000**	**0.8986**

3.6 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4988					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	1.8100e-003	0.0122	0.0181	3.0000e-005		6.1000e-004	6.1000e-004		6.1000e-004	6.1000e-004	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5569
Total	**0.5006**	**0.0122**	**0.0181**	**3.0000e-005**		**6.1000e-004**	**6.1000e-004**		**6.1000e-004**	**6.1000e-004**	**0.0000**	**2.5533**	**2.5533**	**1.4000e-004**	**0.0000**	**2.5569**

3.6 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	1.8000e-004	2.1500e-003	1.0000e-005	8.9000e-004	1.0000e-005	8.9000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.6586	0.6586	1.0000e-005	0.0000	0.6590
Total	**3.2000e-004**	**1.8000e-004**	**2.1500e-003**	**1.0000e-005**	**8.9000e-004**	**1.0000e-005**	**8.9000e-004**	**2.4000e-004**	**1.0000e-005**	**2.4000e-004**	**0.0000**	**0.6586**	**0.6586**	**1.0000e-005**	**0.0000**	**0.6590**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.4988					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	5.4000e-004	0.0106	0.0183	3.0000e-005		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	2.5533	2.5533	1.4000e-004	0.0000	2.5568
Total	**0.4993**	**0.0106**	**0.0183**	**3.0000e-005**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**2.5533**	**2.5533**	**1.4000e-004**	**0.0000**	**2.5568**

3.6 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.2000e-004	1.8000e-004	2.1500e-003	1.0000e-005	8.9000e-004	1.0000e-005	8.9000e-004	2.4000e-004	1.0000e-005	2.4000e-004	0.0000	0.6586	0.6586	1.0000e-005	0.0000	0.6590
Total	**3.2000e-004**	**1.8000e-004**	**2.1500e-003**	**1.0000e-005**	**8.9000e-004**	**1.0000e-005**	**8.9000e-004**	**2.4000e-004**	**1.0000e-005**	**2.4000e-004**	**0.0000**	**0.6586**	**0.6586**	**1.0000e-005**	**0.0000**	**0.6590**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Walkability Design

Improve Destination Accessibility

Implement School Bus Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0708	0.2565	0.7721	2.7500e-003	0.2719	2.1700e-003	0.2740	0.0727	2.0100e-003	0.0747	0.0000	253.4547	253.4547	0.0101	0.0000	253.7082
Unmitigated	0.0740	0.2754	0.8657	3.1900e-003	0.3188	2.4800e-003	0.3213	0.0853	2.3000e-003	0.0876	0.0000	293.9670	293.9670	0.0114	0.0000	294.2529

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Junior High School	525.00	0.00	0.00	843,073	718,911
Parking Lot	0.00	0.00	0.00		
Total	525.00	0.00	0.00	843,073	718,911

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Junior High School	9.50	7.30	7.30	72.80	22.20	5.00	63	25	12
Parking Lot	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Junior High School	0.597457	0.040465	0.187858	0.105115	0.017041	0.006067	0.020072	0.018206	0.001182	0.001040	0.003816	0.000389	0.001293
Parking Lot	0.597457	0.040465	0.187858	0.105115	0.017041	0.006067	0.020072	0.018206	0.001182	0.001040	0.003816	0.000389	0.001293

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	88.2383	88.2383	3.6400e-003	7.5000e-004	88.5540
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	88.2383	88.2383	3.6400e-003	7.5000e-004	88.5540
NaturalGas Mitigated	2.5700e-003	0.0234	0.0197	1.4000e-004		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003	0.0000	25.4766	25.4766	4.9000e-004	4.7000e-004	25.6279
NaturalGas Unmitigated	2.5700e-003	0.0234	0.0197	1.4000e-004		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003	0.0000	25.4766	25.4766	4.9000e-004	4.7000e-004	25.6279

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Junior High School	477412	2.5700e-003	0.0234	0.0197	1.4000e-004		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003	0.0000	25.4766	25.4766	4.9000e-004	4.7000e-004	25.6279
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.5700e-003**	**0.0234**	**0.0197**	**1.4000e-004**		**1.7800e-003**	**1.7800e-003**		**1.7800e-003**	**1.7800e-003**	**0.0000**	**25.4766**	**25.4766**	**4.9000e-004**	**4.7000e-004**	**25.6279**

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Junior High School	477412	2.5700e-003	0.0234	0.0197	1.4000e-004		1.7800e-003	1.7800e-003		1.7800e-003	1.7800e-003	0.0000	25.4766	25.4766	4.9000e-004	4.7000e-004	25.6279
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total		**2.5700e-003**	**0.0234**	**0.0197**	**1.4000e-004**		**1.7800e-003**	**1.7800e-003**		**1.7800e-003**	**1.7800e-003**	**0.0000**	**25.4766**	**25.4766**	**4.9000e-004**	**4.7000e-004**	**25.6279**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Junior High School	245158	78.1125	3.2200e-003	6.7000e-004	78.3920
Parking Lot	31780	10.1258	4.2000e-004	9.0000e-005	10.1620
Total		**88.2383**	**3.6400e-003**	**7.6000e-004**	**88.5540**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Junior High School	245158	78.1125	3.2200e-003	6.7000e-004	78.3920
Parking Lot	31780	10.1258	4.2000e-004	9.0000e-005	10.1620
Total		**88.2383**	**3.6400e-003**	**7.6000e-004**	**88.5540**

6.0 Area Detail

6.1 Mitigation Measures Area

Use Low VOC Paint - Non-Residential Interior

Use Low VOC Paint - Non-Residential Exterior

No Hearths Installed

Use Low VOC Cleaning Supplies

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2019	4.0000e-005	4.3800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.5200e-003	8.5200e-003	2.0000e-005	0.0000	9.0800e-003
Unmitigated	0.2136	4.0000e-005	4.3800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.5200e-003	8.5200e-003	2.0000e-005	0.0000	9.0800e-003

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0499					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1634					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.0000e-004	4.0000e-005	4.3800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.5200e-003	8.5200e-003	2.0000e-005	0.0000	9.0800e-003
Total	**0.2136**	**4.0000e-005**	**4.3800e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**8.5200e-003**	**8.5200e-003**	**2.0000e-005**	**0.0000**	**9.0800e-003**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.0499					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.1516					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	4.0000e-004	4.0000e-005	4.3800e-003	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	8.5200e-003	8.5200e-003	2.0000e-005	0.0000	9.0800e-003
Total	**0.2019**	**4.0000e-005**	**4.3800e-003**	**0.0000**		**2.0000e-005**	**2.0000e-005**		**2.0000e-005**	**2.0000e-005**	**0.0000**	**8.5200e-003**	**8.5200e-003**	**2.0000e-005**	**0.0000**	**9.0800e-003**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Toilet

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	7.7082	0.0188	5.0000e-004	8.3261
Unmitigated	8.2234	0.0201	5.3000e-004	8.8848

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Junior High School	0.60606 / 1.55844	8.2234	0.0201	5.3000e-004	8.8848
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**8.2234**	**0.0201**	**5.3000e-004**	**8.8848**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Junior High School	0.56606 / 1.46338	7.7082	0.0188	5.0000e-004	8.3261
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**7.7082**	**0.0188**	**5.0000e-004**	**8.3261**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	4.8165	0.2847	0.0000	11.9327
Unmitigated	9.2625	0.5474	0.0000	22.9474

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior High School	45.63	9.2625	0.5474	0.0000	22.9474
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**9.2625**	**0.5474**	**0.0000**	**22.9474**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Junior High School	23.7276	4.8165	0.2847	0.0000	11.9327
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**4.8165**	**0.2847**	**0.0000**	**11.9327**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

C CULTURAL RESOURCES REPORT

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NEGATIVE RESULTS
CULTURAL RESOURCE REPORT
for the
Rio del Valle Middle School
Existing Campus Expansion Master Plan
Ventura County, California

Prepared for:

Rio School District
1800 Solar Drive
Oxnard, CA 93036

Prepared by:



Tetra Tech, Inc.
2969 Prospect Park Dr. #100
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Author:
Jenna Farrell, MA, RPA
Sydni Kitchel, MA, RPA

May 2022

Confidential: Disclosure of site locations prohibited. Information contained in this report is confidential, in compliance with 36 CFR 800.11(c), and access to this information is restricted by the National Historic Preservation Act of 1966 (as amended) Section 1 (16 U.S.C. 470), and the Archaeological Resources Protection Act of 1979 (as amended).

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D GEOTECHNICAL INVESTIGATIONS REPORTS

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UPDATE REPORT OF GEOTECHNICAL STUDY
RIO DEL VALLE MIDDLE SCHOOL SPORTS FIELD COMPLEX
PHASE 2 IMPROVEMENTS
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA
NOVEMBER 12, 2020



Submitted To:
Rio School District
1800 Solar Drive,
Oxnard, California 93036

Prepared By:
NV5 WEST, INC.
1868 Palma Drive, Ste A
Ventura, California 93003

November 12, 2020 NV5 Project No. 45020-002685.00

Rio School District
1800 Solar Drive,
Oxnard, California 93036

Attention: Wael Saleh

Subject: **UPDATE GEOTECHNICAL LETTER**
Proposed Sports Field Complex Phase 2 Improvements
Rio Del Valle Middle School
3100 N Rose Avenue, Oxnard, California

Reference: NV5 West Inc., May 30, 2017; Report of Preliminary Geotechnical Study, Proposed Kitchen Improvements, Rio Del Valle Junior High School, 3100 North Rose Avenue, El Rio Area of Ventura County, California

Dear Mr. Saleh,

NV5 West, Inc. is pleased to present this geotechnical update letter for the proposed sports field complex phase 2 improvements at Rio Del Valle Middle School in Oxnard, California. This letter presents the update to the previous geotechnical report and provides geotechnical recommendations for design and construction of the proposed site improvements. This report was revised to supplement recommendations in Section 5.5. Based on the study findings, the proposed project is considered feasible from a geotechnical perspective provided the recommendations presented in this report are incorporated into the design and construction.

NV5 appreciates the opportunity to be of service to the District on this project. If you have any questions, please do not hesitate to contact us.

Respectfully Submitted,

NV5 WEST, INC.

Shaun Simon, PE, PG, CEG
Engineering Manager

M. Bruce Smith, GE 2673
Senior Geotechnical Engineer

Distribution: (3) Addressee

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Figure No. 1 Site Location Map
Figure No. 2 Seismic Hazards Zones Map
Figure No. 3 Fault Activity Map
Figure No. 4 Boring Location Plan

APPENDICES

Appendix A Field Exploration
Appendix B Laboratory Testing
Appendix C Seismic Design Parameters
Appendix D Liquefaction & Settlement Analyses

1. INTRODUCTION

This report presents the updates to the previous geotechnical study performed by NV5 West, Inc., for the proposed sports field complex phase 2 improvements at Rio Del Valle Middle School in Oxnard, Ventura County, California. The site location is shown on *Figure 1 – Site Location Map*.

The purpose of the update was to evaluate the geologic and engineering properties of the site as they relate to the proposed development and to provide geotechnical recommendations for the design and construction of the project.

This update was conducted in substantial conformance with the previous NV5's geotechnical report dated May 30, 2017 in response to the District's request.

1.1 Existing Site Conditions

The proposed sports field complex phase 2 improvements are planned along the eastern portions of the existing campus at Rio Del Valle Middle School located at 3100 North Rose Avenue in Oxnard, California. The area of the subject Phase 2 improvements is occupied by an asphalt parking lot in the northern portion, and by two grass ball field in the remaining portions. The remainder of the campus is occupied by buildings and parking lots in the western portion of the campus; and open grass fields, and an oval-shaped track in the central portion of the campus. The site was visited on November 6, 2020 for the purpose of this update. The site conditions appear to be similar to the conditions described at the time of our referenced report dated May 30, 2017.

Existing site conditions and proposed improvements are depicted on Figure 5 – Geotechnical Plan.

The school is bounded on the west by North Rose Avenue; and is bounded on the north, east, and south by existing agricultural fields. The area of the subject improvements is generally level to gently sloping with drainage by sheet flow generally to the south.

1.2 Proposed Improvements

Based on the information received and review of site plans (including sheet A-102) by Kruger, Benson, Ziemer it is our understanding that the proposed improvements will include sports field complex improvements consisting of two baseball/softball fields with bleachers and dugouts; and also basketball and tennis courts in the southern portion. The dugouts are planned as CMU walls up to approximately 12 feet in height. Details about the foundation system and loading are not known at this time; however, we understand that the proposed structures may be supported on conventional shallow footings, and that deep foundation may be utilized for light poles or other structures. The proposed improvements are shown on the Geotechnical Plan – Figure 5.

1.3 Previous Studies

At least two geotechnical studies have previously been performed for the adjacent, existing improvements for Rio Del Valle Junior High School:

> Earth Systems, July 22, 1997; *Geotechnical Engineering Feasibility Report, Rio Del Valle Junior High School Gymnasium, 3100 North Rose Avenue, El Rio Area of Ventura County, California.*
>
> *NV5 West Inc., May 30, 2017; Report of Preliminary Geotechnical Study, Proposed Kitchen Improvements, Rio Del Valle Junior High School, 3100 North Rose Avenue, El Rio Area of Ventura County, California.*

1.4 Scope of Services

Services performed for this study included the following tasks:

- Review of existing site geotechnical reports and research our archives for available geologic and geotechnical data pertinent to the project.
- Site reconnaissance to reconnoiter site conditions.
- Assessment of site geologic conditions and geologic hazards.
- Geotechnical engineering analysis.
- Preparation of this report.

The scope of this study did not include assessment for the presence of contaminants in the soils and groundwater. Our recommendations are based on the results of our field explorations, laboratory tests, and appropriate engineering analyses. The results of our field explorations and laboratory tests are presented in Appendices A and B.

2. EXPLORATION AND TESTING

2.1 Drilling and Sampling

For the purposes of the update report, NV5 has reviewed the previous exploration performed at the subject site. A total of four (4) exploratory borings and (2) Cone Penetrometer Test Soundings were performed by Earth Systems at the subject site (Earth Systems, 1997), and a total of two (2) exploratory borings were performed by NV5 (2017) to investigate the subsurface soil and groundwater conditions. Five of the borings were advanced to a depth of 51 feet, and the two CPTs were advanced to depths of 50 feet. Boring locations are presented in Figure 4. Borings were located in the field by measurement from existing landmarks and elevations were estimated from the plan contours.

A key for soil classification, boring legend, and boring logs is presented in Appendix A.

2.1.1 In-Situ Testing

As part of the previous exploration, Standard Penetration Tests (SPT) were performed in the borings to evaluate the general density and consistency of subsurface materials. The boring logs including penetration resistance or blow counts obtained during soil sampling and detailed description of the SPT testing are presented in Appendix A.

2.2 Laboratory Testing

As part of the previous exploration, representative samples of the soils were tested in NV5's Ventura laboratory to aid in the soil classification and to evaluate the relevant engineering properties of the site soils. The geotechnical testing included the following:

- *In situ* moisture contents and dry densities (ASTM D2216)
- Atterberg Limits (ASTM D4318)
- Particle Size Analysis (ASTM D422)
- Consolidation (ASTM D2435)
- Direct Shear (ASTM D3080)
- Expansion Index (ASTM D4829)
- Corrosion Potential (pH, Resistivity, soluble sulfates, soluble chlorides)

For in-situ moisture and dry density data, see the Logs of Borings in Appendix A, Field Exploration. For a description of the laboratory test methods and test results, see Appendix B, Laboratory Testing Program.

3. GEOTECHNICAL SITE CONDITIONS

3.1 Physiography

The project area is located within the Oxnard Plain, approximately 6 miles east of the Pacific Ocean. The site is relatively flat with a gentle gradient to the south. The site elevation is approximately 100 feet MSL. Surface drainage is generally to the south and west across the school site. Site physiography is depicted on the Site Location Map – Figure 1.

3.2 Regional Geologic Setting

The site is located in the central portion of the Transverse Range Geomorphic Province, an area generally characterized by east-west trending mountain ranges, valleys and faults. The Transverse Ranges province is tectonically active with relatively high rates of uplift resulting in steep terrain and folding/warping/fracturing of bedrock units. Erosion of the steep slopes created incised canyons and deep sedimentary valleys in the region. Locally, the site is located within a large coastal floodplain in the delta region of a major river system, the Santa Clara River.

3.3 Lithology

The majority of the subject site is underlain by younger Quaternary alluvium (Qal) consisting of unconsolidated mixtures of sand, silt and clay to the total depth explored. Total depth of younger alluvium at the site is anticipated to be greater than several hundred feet. The deposits are generally considered to be liquefiable.

Local areas of artificial fill, assumed to be primarily derived from onsite soils, may be present on the site, associated with past site development.

Detailed descriptions on lithologic units encountered at the site are provided in Appendix A – Field Exploration.

3.4 Groundwater

Groundwater was not encountered in either borings. The Seismic Hazard Zone Report for the Oxnard Quadrangle, prepared by the California Divisions of Mines and Geology (2002), presents a map indicating the historically highest groundwater levels at the site are approximately 20 feet below ground surface.

Groundwater levels will vary with time depending upon the seasonal precipitation and other factors.

4. GEOLOGIC HAZARDS

Geologic hazards that are considered to have potential impacts to proposed project were evaluated based on NV5's field observations, literature review, and laboratory test results. The following sections discuss the geologic hazards and seismic design parameters considered for the site.

4.1 Faulting

The numerous faults in Southern California include active, potentially active, and inactive faults. The criteria for these major groups are based on criteria developed by the California Geological Survey (CGS), for the Alquist-Priolo Earthquake Fault Zoning Program (Bryant and Hart, 2007). An active fault is one that has had surface displacement within Holocene time (about the last 11,700 years). A potentially active fault has surface displacement of Quaternary age deposits (last 1.6 million years). Inactive faults have not moved in the last 1.6 million years. A list of nearby active faults (those faults included in CGS, 2008) and the distance between the site and the nearest point on the fault and the slip rate for the fault is given in Table 1. Faults in the vicinity of the site are shown in Figure 3 - Fault Activity Map.

The site could be subjected to strong ground shaking in the event of an earthquake. However, this hazard is common in Southern California and the effects of ground shaking can be mitigated by proper engineering design and construction in conformance with current building codes and engineering practices.

TABLE 1 - SUMMARY OF NEARBY FAULTS

Fault Name	Closest Distance to Site* (mi)	Direction from Site	Age (yr)	Slip Rate (mm/yr)
Wright Road Fault	2.9	NE	<15,000	unknown
Simi-Santa Rosa Fault (Springville)	3.2	E	<15,000	0.2 – 1
Oak Ridge Fault	2.5	N	<130,000	4.0
Ventura Fault	4.0	NW	<15,000	0.2 – 1
Malibu Coast Fault Zone	14	SE	<130,0000	0.2 – 1
San Cayetano Fault	14.4	NE	<15,000	>5
San Andreas Fault (Mojave Segment)	42.3	NE	<150	29

Source: USGS Website - http://geohazards.usgs.gov/qfaults/map.php

4.2 Surface Fault Rupture

The site is not within a currently established State of California Alquist-Priolo Earthquake Fault Zone (AP Zone) for surface fault rupture hazards. The Alquist-Priolo Earthquake Faulting Zone Act prohibits placing structures for human occupancy across traces of active faults (Bryant and Hart, 2007).

The closest established Earthquake Fault Zone (AP Zone) to the site is for the Wright Road Fault, located approximately 2.9 miles to the northeast. Therefore, the possibility of fault rupture beneath the proposed development is considered low.

4.3 Seismic Design Parameters

Seismic parameters based on the 2019 California Building Code and using the SEAOC/OSHPD Seismic Design Maps Tools (https://seismicmaps.org/) are provided in the table below based on representative site coordinates of 34.2328 degrees North and 119.1531 degrees West. The earthquake hazard level of the Maximum Considered Earthquake (MCE) is defined in ASCE 7-16 as the ground motion having a probability of exceedance of 2 percent in 50 years, using Seismic Risk Category II and Site Class D. The data report is provided as Appendix C.

TABLE 2 - CBC SEISMIC PARAMETERS

Parameter	Value	CBC Reference
Site Class	D	Section 1613A.2.2
Seismic Risk Category	II	
Mapped Short period (0.2-sec) Spectral Response Acceleration, S_S	1.849 g	Figure 1613A.2.1
Mapped 1-second Spectral Response Acceleration, S_1	0.688 g	Figure 1613A.2.1
Site Coefficient, F_a	1.0	Table 1613A.2.3(1)
Site Coefficient, F_v	null	Table 1613A.2.3(2)
Risk-Targeted MCE 0.2-sec period Spectral Response Acceleration, S_{MS}	1.849 g	Eq. 16A-36
Risk-Targeted MCE 1-second period Spectral Response Acceleration, S_{M1}	null	Eq. 16A-37
Design Spectral Response Acceleration for short period, S_{DS}	1.233 g	Eq. 16A-38
Design Spectral Response Acceleration for 1-second period, S_{D1}	null	Eq. 16A-39

The Peak Ground Acceleration (PGA) was determined in conformance with CBC Section 1803A.5.12 and ASCE 7-16.

TABLE 3 – PEAK GROUND ACCELERATION

Parameter	Value	
Site Modified Peak Ground Acceleration [PGA_M]	0.896 g	

The 2019 California Building Code, requires a site-specific ground motion study if the 1-second Spectral Response Acceleration, S_1, exceeds a value of 0.2. However, this project may qualify for an exemption to the site-specific ground motion study per ASCE 7-16 Section 11.4.8, if the structural engineer calculates the seismic response coefficient (C_S) from Equation 12.8-2 of ASCE 7-16 for values of $T \leq 1.5\ T_S$ and taken as equal to 1.5 times the value computed by Equation 12.8-3 for $T_L \geq T > 1.5\ T_S$ or by Equation 12.8-4 for $T > T_L$. NV5 assumes the structural engineer will utilize the exemption for this project.

4.4 Liquefaction

Liquefaction is a phenomenon in which certain types of saturated soils experience a temporary reduction in shear strength and behave as a liquid. This occurs due to the loss of point-to-point grain contact as a result of excess pore pressure that builds up due to the cyclic loading accompanying strong earthquakes. Soils most prone to liquefaction are saturated, fine-grained sands, silty sands, and some silts with low relative densities and low plasticity.

Liquefaction potential depends on soil type, age of materials, density, depth to groundwater, shaking intensity and confining pressures over the potentially liquefiable soil mass. Geologically young sediments (Pleistocene to recent) coupled with a shallow groundwater table (less than 50 feet) are conditions which are indicative of an elevated liquefaction potential.

The site is located within a mapped liquefaction hazard zone (Figure 3) and underlain by loose to medium dense sandy alluvial sediments with a historic high groundwater depth of 20 feet.

A simplified liquefaction analysis was performed using the Standard Penetration Test (SPT) data, a modal earthquake moment magnitude of 7.0, and a 0.87g peak ground acceleration (determined from a Site Specific Probabilistic Analysis of 2% probability of exceedance in 50 years). The analysis was performed using the liquefaction triggering analysis procedure proposed by Boulanger and Idriss (2014) and the CGS SP-117 procedures using data from our exploratory borings B-1 and B-2, and historically high groundwater at a depth of 20 feet below the ground surface. The analyses indicate that liquefaction is a potential in layers within approximately 50 feet of the ground surface.

Secondary effects of liquefaction, including loss of bearing, lateral spreading and seismic settlement are discussed below.

Loss of Bearing: The potential for loss of bearing was evaluated using Ishihara's (1985) boundary curves in which the thickness of overlying non-liquefiable soils is compared to the thickness of the liquefied soil layers with SPT blow counts of 10 or less per foot. The site data indicate that the risk of surface manifestation and loss of bearing are considered low.

Lateral Spreading: Seismically-induced lateral spreading involves primarily lateral movement of earth materials due to ground shaking in conjunction with liquefaction. Lateral spreading can manifest as near-vertical cracks with predominantly horizontal movement of the soil mass involved towards an adjacent open slope face. Lateral spreading occurs when there is widespread liquefaction and a gentle slope, or a free face toward which lateral spreading may occur. The potential for lateral spreading at the subject site is considered to be low.

Seismic Settlement: Seismically-induced ground settlement can occur with or without liquefaction which results from densification of loose soils as a result of strong seismic ground shaking. Seismic settlement includes both settlement of liquefied soil layers and settlement of non-liquefied, unsaturated, loose sandy sediments.

We used the method by Ishihara and Yoshimine (1992) to estimate post-liquefaction seismic settlement. Analyses utilized SPT data from our exploratory borings, B-1 and B-2. Results of these analyses indicate that unsaturated seismic settlement is not anticipated as removal of unsuitable material will remove most of the earth materials susceptible to unsaturated seismic settlement.

Assuming that the loose native soils within the upper 4 feet will be recompacted to a minimum of 90% relative compaction, our analysis results show that total seismic settlement of ½ to 1 inch is expected at the school site when subjected to a design earthquake with a 2% probability of exceedance in 50

years. For preliminary foundation design, we recommend a differential seismic settlement of ½ inch over a distance of 30 feet.

4.5 Hydrocollapse

Settlement due to consolidation upon saturation of collapse prone coarse-grained earth materials can cause moderate to severe damage at the ground surface. Earth materials subject to hydro-collapse tend to be loose to medium dense, coarse grained, with a low in-situ moisture content, and experience large vertical deformations upon an increase in vertical overburden coupled with a reduction in volume upon wetting. Results of consolidation testing indicate that the sample from NV5 Borings B-1 at 5 feet and B-2 at 7.5 feet depth have approximately 1.0% collapse upon wetting. NV5 concludes that the materials have low to moderate potential for collapse upon wetting.

4.6 Slope Instability and Landsliding

The project area is not located near slopes that may be subject to instability and is not located within a State-designated earthquake induced landslide hazard zone. The hazard associated with slope instability is considered low.

4.7 Debris Flows

The site is located in an area of relatively flat ground with no slopes in the vicinity. The risk of hazard due to debris flows is very low.

4.8 Expansive Soils

Improvements including foundations and slabs in contact with earth materials with a high potential for expansion can be expected to be subject to distress based on the potential for volume change associated with highly expansive soil. Soils such as these should not be relied upon for foundation bearing. The earth materials underlying the proposed improvements are generally coarse-grained. Fine-grained earth materials are present; however, the Expansion Index is generally low, with the exception of clayey silt from approximately 7.5 feet to 20 feet deep performed for this study. The earth materials in the zone of anticipated grading have a very low expansion potential.

4.9 Flooding & Erosion

4.9.1 Earthquake-Induced Flooding

This is flooding caused by failure of dams or other water-retaining structures as a result of earthquakes. The site is not located within a dam inundation area.

4.9.2 Tsunami Hazard

Tsunamis are caused by large offshore earthquakes or submarine landslides resulting in potentially widespread and sometimes catastrophic coastal flooding. The California Geological Survey (CGS) prepared a Tsunami Inundation Map for the coastal areas of Ventura County (CGS, 2009). According to the CGS, the project site is not located within a Tsunami Inundation Area. Therefore, the risk of hazard from a Tsunami is considered to be low.

4.9.3 Local Flooding

The Federal Emergency Management Agency (FEMA), designated the site as not within an area of flood hazard. No base flood depths or BFEs are shown within this zone (FEMA, 2016). According to the Ventura County General Plan Hazards Appendix (2013), the site is located within the inundation path of a dam, including Bouquet Canyon, Castaic, Dam, Pyramid Dam and Santa Felicia Dam. The risk of inundation from flooding is considered to be low as the possibility of a dam failure is considered remote, however, the potential for widespread damage and loss of life remains.

5. CONCLUSIONS & RECOMMENDATIONS

5.1 Summary of Findings

Based on the results of our exploration and testing program, the project is considered feasible from a geotechnical standpoint provided the recommendations presented in this report are incorporated into the design and construction. The site is underlain by relatively loose and soft alluvial sand, silt and clay deposits. The potential for liquefaction at the site also creates a hazard due to settlement on site improvement foundations. These conditions can be mitigated by incorporating the recommendations provided in this report into the design and construction of the project. The proposed improvements can be supported on shallow continuous or spread footings bearing on engineered fill, as recommended in sections 5.2 and 5.3, or pole foundations as recommended in Section 5.4.

5.2 Earthwork and Grading

5.2.1 Site Clearing and Removals

Prior to grading, the project area should be cleared of significant surface vegetation, demolition rubble, trash, pavement, debris, etc. Any buried organic debris or other unsuitable contaminated material encountered during subsequent excavation and grading work should also be removed. Removed material and debris should be properly disposed of offsite. Holes resulting from removal of buried obstructions which extend below finished site grades should be filled with properly compacted soils. No fill should be placed unless the geotechnical engineer has observed and approved the underlying soils.

5.2.2 Overexcavation - Structural Fill

If conventional shallow foundations are used to support the proposed structures including the proposed dugouts, the following overexcavation recommendations apply. If other types of foundations are planned, then additional recommendations should be provided.

Following site preparation, the soil in the building area should be removed to a horizontal plane at a minimum depth of 2 feet below the bottom of the deepest footing/subgrade or 4 feet below existing grade, whichever is deeper. Removals should extend at least 5 feet beyond the building footing perimeter, including 5 feet beyond any appurtenant structures rigidly attached to the building such as staircases, covered walkways, etc. During construction, locally deeper removals may be recommended based on field conditions. The exposed soil surface should then be scarified to a depth of 8 inches, moisture conditioned, and compacted to 90% (minimum) relative compaction (ASTM D 1557) prior to placing any fill.

The Geotechnical Consultant should observe the excavation progress as the bottom is reached and must observe and approve the bottom prior scarification and processing.

If the excavation bottom encounters shallow groundwater or excessive moisture, the bottom may be stabilized by placement of crushed rock of 3 to 6 inches in diameter. The rock should be mechanically worked into place in a minimum thickness to achieve a stable, firm and unyielding surface. The subgrade should be evaluated by the Geotechnical Engineer to determine if it is stable.

5.2.3 Overexcavation - Paved Areas, Flatwork and Trash Enclosures

Following site preparation, the soil in surface improvement areas including pavement and flatwork and trash enclosures should be removed to a minimum depth of 1-foot below the proposed subgrade elevation. During construction, locally deeper removals may be recommended based on field conditions. The resulting soil surface should then be scarified to 8 inches deep, moisture conditioned, and compacted to (90% minimum) relative compaction (ASTM D 1557) prior to placing any fill soil.

The Geotechnical Consultant should observe and approve the excavation bottom prior to scarification and processing.

5.2.4 Fill Placement and Compaction

Onsite soils are considered suitable for foundation support of structures if processed as detailed below:

Existing on-site soils may be incorporated into the structural fill and flatwork areas after removing organic matter and other deleterious substances. The removed soils should be mixed thoroughly prior to placement to achieve relative uniformity and consistency for the planned engineered fill.

Conventional shallow foundations with slab on grade can be supported by engineered fill derived from onsite soils with expansion index less than 21. Continuous footings, isolated pad footings, and slabs-on-grade should be supported by a minimum thickness of two feet of engineered fill.

The materials should be placed in generally even horizontal layers not exceeding 8 inches in thickness prior to compaction, and compacted to at least 90% relative compaction.

If import soils are planned to be used, samples of those soils and the locations of their source areas should be provided to the Geotechnical Consultant at least 72 hours (3 working days) before importing to the site so that appropriate tests can be performed and the materials be evaluated for suitability for use at the site.

5.2.5 Oversize Materials

Oversize material, defined as rock or other irreducible material with a maximum dimension greater than 3 inches should not be buried or placed in the fill unless the locations, materials, and placement methods are specifically accepted by the Geotechnical Consultant. Placement operations should be such that nesting of oversized material does not occur and such that oversize material is completely surrounded by compacted fill. Oversize material should not be placed within (3) vertical feet of finish grade, within (2) vertical feet of bottom of footings or below a slab or hardscape, or within (5) feet of future utilities or underground construction.

5.2.6 Graded Slopes

Graded slopes should be constructed at a gradient of 2:1 (H:V) or flatter. To reduce the potential for surface runoff over slope faces, cut slopes should be provided with brow ditches and berms should be constructed at the top of fill slopes.

5.2.7 Import Soils

Import soils should be sampled and tested for suitability by NV5 prior to delivery to the site. Imported fill materials should consist of clean soils free from vegetation, debris, or rocks larger than 3 inches in maximum dimension. The Expansion Index (EI) value should not exceed a maximum of 20, and the

resistivity results should indicate that materials are non-corrosive based on Caltrans requirements, including testing for minimum resistivity, pH, soluble sulfate content, and soluble chloride content.

5.2.8 Bulking and Shrinkage

Earth materials excavated on site may have the potential to bulk shrink in volume when excavated and replaced as engineered fill. In NV5's experience, Quaternary Alluvium may shrink up to approximately 10 to 15% when replaced as engineered fill.

5.3 Foundation Design

NV5 understands that structural design for proposed improvements including restroom, dugout, and storage structures to consist of CMU walls on shallow foundations. NV5 also understands that the proposed improvements may include shade structures, backstop fences, or light poles which may be designed on either shallow spread footings or pole foundations.

If conventional shallow foundation design is selected, the structures may be supported on continuous reinforced concrete footing with a minimum of 16 inches in width and founded a minimum of 24 inches deep into engineered fill. Isolated, reinforced concrete pad footings should be a minimum of 2 feet in each dimension, and founded a minimum of 24 inches deep into engineered fill.

For support of conventional shallow foundations, NV5 recommends overexcavation as described in Section 5.2.2, and foundation design as described in 5.3.1 through 5.3.4.

NV5's recommendations for design of pole foundations are presented in Section 5.4. Recommendations for retaining wall design are presented in Section 5.5.

5.3.1 Foundation Design Values – Shallow Foundations

An allowable bearing value of 2,000 psf is recommended. The bearing pressure should not be increased for static loads. This bearing is applicable for dead plus live loads. The recommended bearing value is based on a factor-of-safety greater than 3. The bearing value may be increased by one-third (1/3) when transient loads such as wind and/or seismicity are included. The weight of the concrete foundations can be neglected.

Lateral loads may be resisted by friction and by the passive resistance of the supporting soils. A coefficient of friction of 0.35 may be applied for dead load forces between foundations and the properly compacted fill soils. This value is based on a factor of safety greater than 1.5.

Passive pressure for structures founded in the engineered fill may be taken as 250 pcf of equivalent fluid weight for resistance to lateral load. This value may be increased by 250 psf per additional foot of depth and by 150 psf per additional foot of width to a maximum of 2,000 psf. These values include a factor of safety of 1.5. When passive resistance is used in conjunction with friction in determining the total lateral resistance, the passive resistance should be reduced by one-third (1/3). Passive resistance should be neglected in the upper six (6) inches.

The modulus of subgrade reaction may be taken as 150 pounds per cubic inch for sandy engineered fill.

5.3.2 Floor Slabs

Slabs should have a minimum thickness of 5 inches and should be designed with concrete having a minimum compressive strength of 3,000 pounds per square inch (psi). The slab should be continuously reinforced with No. 4 reinforcing bars placed in both directions at a maximum spacing of 16 inches on center. Alternatively, the slab may be thickened to provide an equivalent section equal in stiffness as determined by the structural design engineer. Concrete joints should be constructed at intervals designed by the structural engineer to help minimize and control cracking of the slab.

Commonly, a capillary break is provided beneath building floor slabs that will have moisture sensitive flooring. If used, the capillary break should consist of 6 inches of clean, granular material underlying a 15-mil HDPE membrane.

5.3.3 Lateral Load Resistance from Surcharge Loads

If an adjacent structure encroaches upon any elements of the proposed or existing structures within a 1:1 (H:V) plane projected from the bottom edge of an adjacent structure or footing, additional lateral pressure should be considered as a surcharge load on the structure that is being surcharged. The magnitude and application of any surcharge loading should be evaluated by the Project Structural Engineer.

5.3.4 Settlement – Shallow Foundations

For design purposes, the estimated combined total settlement (static + seismic) is 1-1/2 inches. The estimated combined differential settlement (static + seismic) is 3/4 inch over a distance of 30 feet.

5.3.5 Foundation Observation

Footing excavations should be observed and probed for soft areas by NV5 to verify they are clear of loosened fill and debris before placing steel or concrete. If soft or loose soils or unsatisfactory materials are encountered, these materials should be removed and may be replaced with a two-sack, sand-cement slurry or structural concrete. Footing excavations should be deepened as necessary to extend into satisfactory bearing materials based upon NV5's observation and recommendation.

5.4 Shallow Pole Foundations

NV5 understands that proposed improvements consisting of a shade structure, backstop fence, and light poles, may be designed on pole foundations. Cast-In-Drilled-Hole (CIDH) piles appear suitable for the subsurface conditions encountered and for support of these structures. Design and construction of CIDH piles should consider the potential for caving granular soil layers, and the possibility of encountering cobble and boulders during drilling. Piles should be reinforced as necessary by the design civil or structural engineer. Casing may be necessary to prevent caving. Pile foundations may be designed using allowable resistance values for either end-bearing resistance, or frictional resistance, but not a combination of both. Resistance to lateral loading may be provided by passive earth pressure below a depth of 3 feet below ground surface. Piles should be a minimum 2 feet into competent alluvium. Competent alluvium is anticipated at a depth of four feet below existing ground. The depth of embedment required to resist lateral loading may be determined by Section 1807.3.2 of the 2019 California Building Code.

Overexcavation and placement of engineered fill are not required for the design of pile foundations.

5.4.1 Shallow Pole Foundations - Allowable Bearing Values

CIDH pile foundations may be designed based on an allowable bearing value of 4,000 psf for a minimum embedment of 2 feet (below a depth of 4 feet below ground surface), and a minimum diameter of 18 inches.

The recommended bearing value is based on a factor-of-safety greater than 3. The bearing capacity should not be increased for static loads. This bearing value is applicable for dead plus live loads. The bearing value may be increased by one-third when transient loads such as wind and/or seismicity are included. The weight of the concrete foundations can be neglected.

5.4.2 Shallow Pole Foundations - Allowable Lateral Passive Resistance

An allowable lateral passive resistance acting on the sides of foundations equal to 250 pcf of equivalent fluid weight may be included for resistance to lateral load. These values include a factor-of-safety of 1.5. Lateral passive resistance may be increased by 250 pcf for each additional foot in width or depth to a maximum earth pressure of 3,000 psf.

The parameters provided here are for the total of dead and frequently applied live loads and may be increased by1/3 for short duration loading, which includes the effects of wind or seismic forces. Resistance to lateral loading may be provided by passive earth pressure.

For design of isolated piles, the allowable passive earth pressure may be increased by 100 percent. Piles that are spaced more than 2-1/2 pile diameters on center may be considered to be isolated

5.4.3 Settlement – Deep Foundations

For design purposes, the estimated combined total settlement (static + seismic) is 1.5 inches. The estimated combined differential settlement (static + seismic) is 3/4 inch over a distance of 30 feet.

5.5 Surcharge Loading

If an adjacent structure encroaches upon any elements of the proposed or existing structures within a 1:1 plane projected from the bottom edge of an adjacent structure or footing, additional lateral pressure should be considered as a surcharge load on the structure that is being surcharged. The magnitude and application of any surcharge loading should be evaluated by the Project Structural Engineer.

5.6 Retaining Wall Design

5.6.1 Lateral Earth Pressures

Based on laboratory test results and encountered soil conditions, the recommended lateral earth pressures for preliminary design of retaining walls supported on shallow foundations are summarized in the table below.

TABLE 4 – RECOMMENDED LATERAL EARTH PRESSURES					
Parameter	**Recommended Value**				
	Level Backfill	**5H:1V Slope**	**4H:1V Slope**	**3H:1V Slope**	**2H:1V Slope**
Active Earth Pressure (P_a)	36H	42H	44H	48H	63H
At-Rest Earth Pressure (P_o)	60H	72H	75H	79H	87H
Seismic Earth Pressure (P_e)	37H	43H	46H	50H	66H
Coefficient of Friction (μ)	0.3				
Passive Earth Pressure (P_p)	250H				

Notes:

1. All values of height (H) in feet (ft), pressure (P) and surcharge (q) in pounds per square feet (psf).
2. Seismic earth pressure (P_e) is in addition to the active and at-rest pressures, P_a and P_o which should be distributed as an inverted triangle along the wall height and the resultant of this pressure is an increment of force which should be applied to the back of the wall in the upper one-third (1/3) of the wall height and may also be applied as a reduction of force to the front of the wall in the upper one-third (1/3) of the footing depth.
3. The above pressure values do not include hydrostatic pressures that might be caused by groundwater or water trapped behind the structure.
4. The pressures listed in the table were based on the assumption that backfill soils will be compacted to 90% of maximum dry density (per ASTM D1557).
5. The coefficient of friction (μ) should be applied to dead normal (buoyant) loads when evaluating the sliding frictional resistance.
6. A resistance factor of 0.5 has been applied to the passive earth pressure and may be combined with the sliding frictional resistance using a resistance factor of 0.80. Neglect the upper 6 inches for passive pressure unless the surface is contained by a pavement or a slab.
7. In addition to the above-mentioned pressures, retaining walls must be designed to resist horizontal pressures that may be generated by surcharge loads applied at the ground surface such as from uniform loads or vehicle loads.

5.6.2 Drainage – Retaining Walls

A backdrain or an equivalent system of backfill drainage should be incorporated into retaining wall design. Backfill immediately behind retaining structures should be a free-draining granular material. The backdrain should be a minimum of 18-inch wide continuous blanket of either Caltrans Class 2 permeable material or ¾ inch by ½ inch clean (0-4% fines) crushed rock enclosed in Mirafi 140N (or approved equivalent) filter fabric, and extended to within 1 to 1½ feet of the ground surface where a relatively impervious fill cap should be placed. A minimum 4-inch diameter PVC Schedule 40 PVC perforated drain pipe should be placed near the bottom of the drain rock with at least 2 inches of drain rock below the bottom of the pipe. All backdrain pipes should be sloped to drain at a minimum of 1 percent and collected in 4-inch diameter non-perforated Schedule 40 PVC pipes that are sloped a minimum of 2 percent and discharged into the storm drain system or a sump inside the building. Alternately, the back of walls could be lined with a geodrain system such as Mirafi 140N product or equivalent. Waterproofing should be according to the Design Engineer's recommendations.

Water should not be allowed to pond near the tops of walls. To accomplish this, the final backfill surface should be such that all water is diverted away from retaining walls.

5.6.3 Compaction Adjacent to Walls

Backfill within 5 feet, measured horizontally behind the retaining structures, should be compacted with lightweight, hand-operated compaction equipment to reduce the potential for developing compaction-induced stresses on the walls. If large or heavy compaction equipment is used, lateral earth pressures could exceed those presented previously. If larger or heavier compaction equipment is to be used, further evaluation of the potential for compaction-induced stresses in the walls is recommended.

Backfill material should be brought up uniformly behind the retaining walls (i.e., the backfill should be at about the same elevation all along the wall as the backfill is placed). That is, the elevation difference of the backfill surface along the wall should not be greater than about 2 feet, unless the wall is designed for those differences.

5.7 Utility Trenches

5.7.1 Trench Safety: The Contractor shall follow all OSHA and Cal OSHA requirements for safety of trench excavations and ensure safe access for density testing.

5.7.2 Adjacent Improvements: Unless otherwise recommended, utility trenches adjacent to existing foundations should not be excavated within the foundation influence zone. The foundation influence zone is the area below a 1:1 (H:V) plane projected downward from the outside edge of existing load-bearing foundations or rigid utilities.

5.7.3 Foundation Crossings: Utilities that must pass beneath foundations should be placed with properly compacted utility trench backfill and the foundation should be designed to span the trench.

5.7.4 Bedding and Backfill Material: Bedding material shall have a Sand Equivalent greater than 30 (SE >=30). The bedding shall be placed to 1 foot over the top of the conduit and densified by jetting or mechanical compaction to a minimum of 90 percent of the maximum dry density (ASTM D1557). Densification by jetting shall only be permitted where trench walls have a Sand Equivalent of 15 or greater (SE >=15). Backfill shall be placed and densified to a minimum of 90 percent of maximum dry density (ASTM D1557) from 1 foot above the top of the conduit to the surface.

5.7.5 Observation and Compaction Testing: Densification of bedding around conduits shall be observed by the Geotechnical Consultant. The Geotechnical Consultant shall test the trench backfill for relative compaction. At least one test should be made for every 250 feet of trench and 2 (vertical) feet of fill.

5.7.6 Utility Connections: Utility connections to the buildings should be flexible enough to accommodate the estimated total settlement (static, liquefaction, and dry sand) of 2 inches. Utility infrastructure beyond the building areas should accommodate the combination of total and differential settlement of 2 inches and 1 inch, respectively. This recommendation may be modified or eliminated if the potentially liquefiable soils are densified by ground modification techniques.

5.8 Soil Corrosivity

The California Department of Transportation (Caltrans) Corrosion Guidelines (March 2018) define corrosive soils as having chloride concentrations of 500 mg/kg (ppm) or greater, sulfate concentration of 1500 mg/kg (ppm) or greater, or the pH of 5.5 or less". Minimum resistivity in soil or water is considered an indicator parameter and is not used to define a corrosive soil environment. Caltrans' Guidelines state that a "minimum resistivity value for soil and/or water less than 1,100 Ohm-cm indicates the presence of high quantities of soluble salts and a higher propensity for corrosion".

Representative samples of the site soils obtained from our borings were tested to evaluate the corrosion potential. The tests include pH, electrical resistivity, and soluble chloride and sulfate concentrations. Results of corrosivity testing are summarized below and presented in Appendix B – Laboratory Testing.

TABLE 5 - SOIL CORROSIVITY TEST RESULTS

Sample ID	Material	Minimum Resistivity (Ohm-cm)	pH	Water-Soluble Chloride (mg/kg)	Water Soluble Sulfate (mg/kg)
B-1 @ 0.5'-2.5'	Alluvium – Silty SAND	8900	8.5	4.2	50

These findings indicate that the on-site soils tested are moderately corrosive in accordance with Caltrans criteria. The corrosion characteristics of the soil should be considered in the design of any buried or grade supported structures in contact with the soils in accordance with Caltrans Corrosion Guidelines. Any imported soils should be evaluated for corrosion characteristics if they will be in contact with buried or at-grade structures and appropriate mitigation measures should be included in the structural design.

5.9 Drainage

The proposed improvements are located in area partially developed with hardscape. Drainage generally occurs by sheet flow across area of the proposed improvements. The design should prevent surface water and subsurface water from flowing into temporary excavations. Proposed grades should be planned so that water run-off drains away from the proposed building improvements. The design should maintain gradients of a minimum of 2% away from these features in areas with hard surfaces, or a minimum of 5% for 10 feet in areas with dirt at the ground surface, where feasible. All structures should be provided with roof gutters and downspouts. Surface runoff across the access road should be collected in a non-erodible device and directed to the nearest stormwater collection system.

5.10 Pavements

Design of asphalt concrete pavement sections depends primarily on support characteristics (strength) of soil beneath the pavement section and on cumulative traffic loads within the service life of the pavement. Strength of the pavement subgrade is represented by R-Value test data. Traffic loads within service life of a pavement are represented by a Traffic Index (TI) which is calculated based on

anticipated traffic loads and on the projected number of load repetitions during the design life of the pavement. The design TI value should be verified by the Civil Engineer.

Based on results of laboratory classification testing and our judgment regarding variability of site soils, an assumed design R-Value of 20 was selected. Pavement sections are provided in the following table.

TABLE 6 - PAVEMENT SECTION RECOMMENDATIONS

Traffic Index	Subgrade Material Description	R-Value	Pavement Section (inches)		
			Alt 1		Alt 2
			Hot-Mix Asphalt (HMA)	Aggegate Base (AB)	Full Depth HMA
5.0	Silty SAND	20	3.0	8.0	6.5
6.0			3.0	10.0	8.5
7.0			4.0	12.0	9.5
8.0			5.0	14.0	11.0

These sections satisfy the minimum requirements of Section 630 of Caltrans Highway Design Manual (2006) for flexible pavement design using an R-value of 20 and a design service life of 20 years.

The base course should have an R-value of at least 78 and should comply with specifications for untreated crushed aggregate base (CAB), crushed miscellaneous base (CMB), or processed miscellaneous base (PMB), as defined in Section 200-2 of the current Green Book (Standard Specifications for Public Works Construction), or aggregate base (AB-Class 2) as defined in Section 605.3 of the current Caltrans Highway Design Manual. The preceding pavement sections provide the minimum thickness of asphalt concrete permitted by the Caltrans design procedure. Alternate designs with greater asphalt thickness and smaller base course thickness are also possible.

The pavement design should be revised, as needed, based on the results of R-value testing on subgrade soils following grading operations.

6. CONSTRUCTION CONSIDERATIONS

6.1 Excavation

Based on our subsurface exploration, it is anticipated that the on-site soils can be excavated by modern conventional heavy-duty excavating equipment in good operating condition.

6.2 Temporary Slopes and Shoring

Temporary excavations up to 5 vertical feet are anticipated during the overexcavation grading operations. Unsurcharged, temporary excavations should be limited to a maximum height of 3 vertical feet. Temporary slopes should be braced or sloped according to the requirements of OSHA. In accordance with OSHA requirements, the contractor should be responsible for job site safety, reviewing the soil conditions encountered during construction, and for the design of temporary slopes and shoring systems. Within the expected depth of excavation, the subsurface conditions are likely to consist of compacted fill over alluvium. Based on OSHA guidelines and the artificial fill and alluvial materials encountered, temporary slopes should be excavated no steeper than 1:1 (H:V) or be shored to support Type C soil conditions.

Slopes should not be considered stable if the slopes are to be excavated below the groundwater table or there is a potential for seepage to daylight on the slope face. Dewatering should be performed in advance of excavation, if temporary slopes are expected to extend below the water table, and the presence of groundwater should be considered in the design of temporary slopes and shoring.

Excavations should not be allowed to become saturated with water or dry out. Surcharge loads should not be allowed within a horizontal distance equal to the height of the excavation, or these excavations should be properly shored so lateral support of the excavation or any adjacent structures are not compromised.

Temporary excavations for the proposed improvements should not extend below a 1:1 H:V plane extending down from the bottom outside edge of existing utility lines or foundations. The remedial grading excavations should not cause loss of bearing and/or lateral support for adjacent structures or utilities. If remedial grading excavations extend below a 1:1 plane extending down from the bottom of the adjacent foundations or utility lines, shoring or slot cutting shall be employed. "A-B-C" slot cuts exposing native sandy soils may be excavated with maximum 8 foot long sections up to 6 feet deep to prevent the existing utility lines or adjacent structures from becoming unstable. Excavation and backfill should be accomplished in the shortest period of time possible and in alternating sections. Each slot should be backfilled prior to excavating an adjacent slot, and two slots widths should be maintained between open slot excavations.

Adjoining sidewalks or driveways may need to be closed to foot or vehicle traffic during this portion of the construction.

6.3 Groundwater and Dewatering

Groundwater conditions are discussed in Section 3.4 of this report. Relatively shallow groundwater is not anticipated at the site; however, excessively moist conditions may be encountered in the fine-grained deposits if construction overexcavations extend to approximately 7 to 8 feet or more below the ground surface. Groundwater or yielding overexcavation bottom conditions may need to be controlled when excavations are made near or below the groundwater level.

7. GEOTECHNICAL SERVICES DURING CONSTRUCTION

7.1 Plan Review

The geotechnical engineer should review the foundation and grading plans for the project prior to agency approval. The purpose of the review is to evaluate if the plans were prepared in general accordance with the recommendations of this report.

7.2 Geotechnical Observation and Testing

Field exploration and site reconnaissance provide only a limited view of the geotechnical conditions of the site. Substantially more information will be revealed during the excavation and grading phases of the construction. Subsurface conditions, excavations and fill placement should be reviewed by a geotechnical professional from this firm during construction to evaluate if the materials encountered during construction are consistent with those assumed for this report.

The geotechnical engineer's actual scope of work during construction is very limited and does not assume the day-to-day physical direction of the work, precise examination of the elements, or responsibility for the safety of the contractor's workers. Our scope of services during construction consists of taking soil tests and making visual observations, sometimes on only an intermittent basis, relating to earthwork or foundation excavations for the project. We do not guarantee the contractor's performance, but rather look for general conformance to the intent of the plans and geotechnical report. Any discrepancy noted by us regarding earthwork or foundations will be referred to the owner, project engineer, architect, or contractor for action.

8. CLOSURE

This report has been prepared for the exclusive use of the Rio School District and its agents to assist in the design and construction of the proposed project. Any reliance on this report by third parties shall be at third party's sole risk. Our services have been performed in accordance with applicable state and local ordinances, and generally accepted practices within our profession. We make no other warranty, either expressed or implied. Our conclusions and recommendations are based on the results of the field investigations and laboratory tests, combined with interpolation and extrapolation of soil conditions between and beyond the boring locations.

NV5 is not responsible or liable for any claims or damages associated with interpretation of available information provided by others. Site exploration identifies actual soil conditions only at those points where samples are taken, when they are taken. Data derived through sampling and laboratory testing are extrapolated by NV5 personnel who render an opinion about the overall soil conditions. Actual conditions in areas not sampled may differ. In the event that changes to the project occur, or additional, relevant information about the project is brought to our attention, the recommendations contained in this report may not be valid unless these changes and additional relevant information are reviewed and the recommendations of this report are modified or verified in writing. In addition, the recommendations can only be finalized by observing actual subsurface conditions revealed during construction. NV5 cannot be held responsible for misinterpretation or changes to our recommendations made by others during construction.

Our conclusions and recommendations are based on an analysis of the observed conditions. If conditions different from those described in this report are encountered, NV5 should be notified and additional recommendations, if required, may be provided upon request.

8.1 Subsurface Variations

Based on results of the subsurface exploration and our experience, some variations in the continuity and nature of subsurface conditions within the project site should be anticipated. Because of the uncertainties involved in the nature and depositional characteristics of the earth material, care should be exercised in interpolating or extrapolating subsurface conditions between or beyond the boring locations.

The field evaluation, laboratory testing and geotechnical analysis presented in this report have been conducted according to current engineering practice and the standard of care ordinarily exercised by reputable geotechnical consultants performing similar tasks in this area. No other warranty, expressed or implied, is made regarding the conclusions, recommendations and opinions expressed in this report. Variations may exist and conditions not observed or described in this report may be encountered during construction.

This report is prepared for the project as described herein; it is not applicable to any other project or purpose. The findings of this report are valid as of the present date. However, changes in the conditions of a property can occur due to natural processes or regulatory requirements. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside of NV5's scope of services. Therefore, this report is subject to review and should not be relied upon after a period of three years.

8.2 Environmental Hazards

This report does not address any evaluation for the presence of any hazardous materials or other contamination in the soil and groundwater at this site.

8.3 Construction Documents

This report is not intended for use as a bid document. Any person using this report for bidding or construction purposes shall perform such independent investigation as they deem necessary to satisfy themselves as to the surface and subsurface conditions to be encountered. The nature and extent of variations in subsurface conditions may not become evident until construction. If variations then appear evident, it will be necessary to reevaluate the recommendations of this report.

Although this report may comment or discuss construction techniques or procedures for the design engineer's guidance, this report shall not be interpreted to prescribe or dictate construction procedures or to relieve the contractor in any way of their responsibility for the construction.

8.4 Additional Work

Please be aware that the contract fee for our services to prepare this report does not include additional work that may be required, such as grading observation and testing, footing observations, plan review, or responses to governmental (regulatory) plan reviews. Where additional services are requested or required, you will be billed for any equipment costs and on an hourly basis for consultation or analysis.

Findings of this report are valid as of the date of issuance. Changes in conditions of a property may occur with the passage of time whether attributable to natural processes or works of man on this or adjacent properties. Furthermore, changes in applicable or appropriate standards occur due, for example, to legislation and broadening of knowledge. Accordingly, findings of this report may be invalidated wholly or partially by changes outside our control. Therefore, this report is subject to our review and remains valid for a maximum period of three years, unless we issue a written opinion of its continued applicability thereafter.

If any changes in the nature and design (including structural loadings different from those anticipated), or other improvements are planned, the conclusions and recommendations contained in this report shall not be considered valid unless the changes are reviewed and conclusions of this report modified or verified in writing.

This report may be subject to review by controlling agencies, and any modifications they deem necessary shall be made a part thereof, subject to our technical acceptance of such modifications. All submissions of this report shall be in its entirety. Under no circumstances shall this report be summarized and synthesized or quoted out of context for any purpose.

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FIGURES



SCALE 1:24 000

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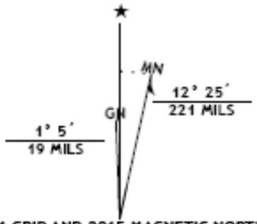
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MILES

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FEET



UTM GRID AND 2015 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Base Map: *USGS 7.5 Minute Topographic Map, Oxnard, CA, 2018*
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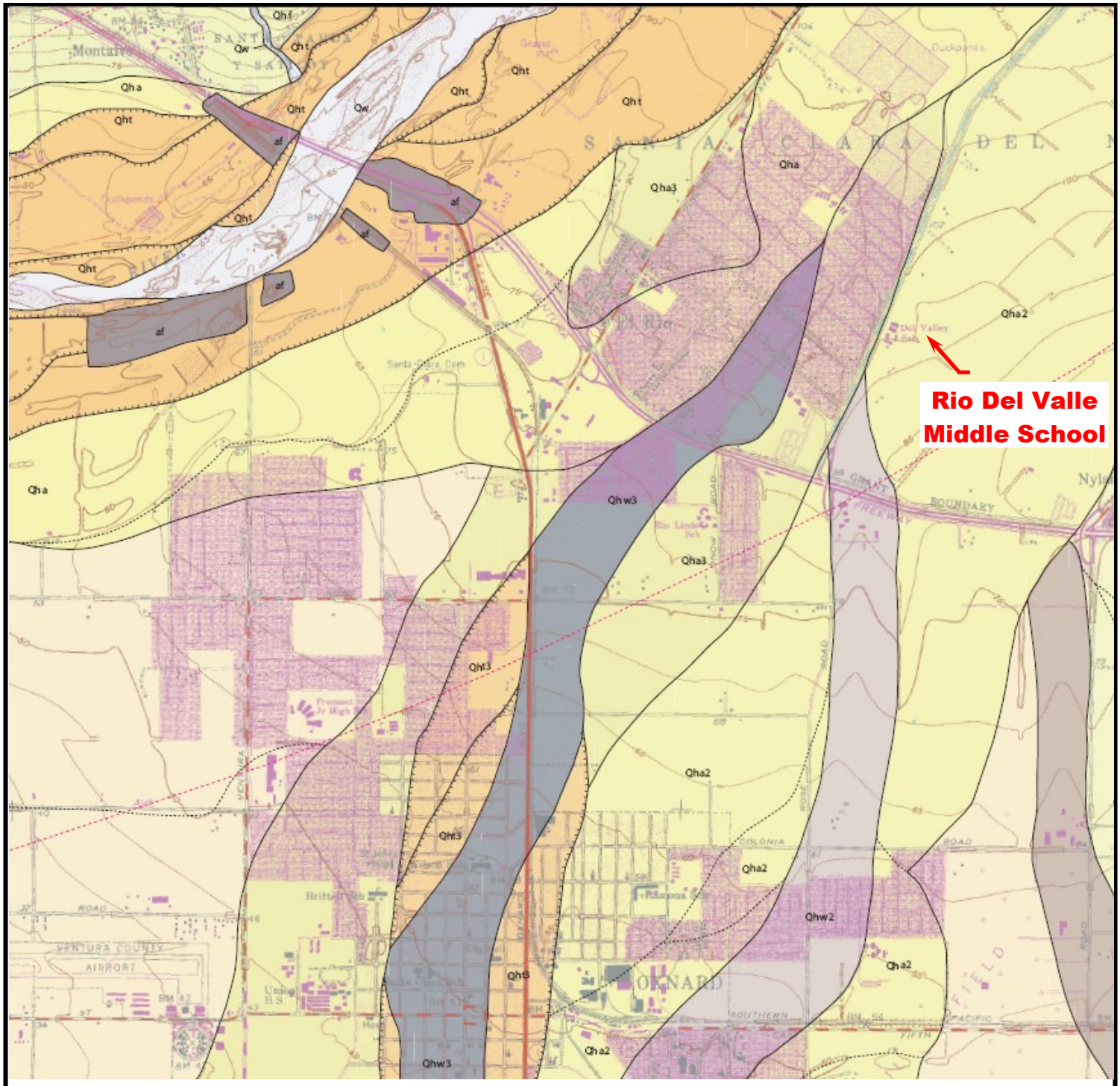
Title: **SITE LOCATION MAP**

Project: **RSD - Geotechnical Update – Sports Field Complex**
Rio Del Valle Middle School, Oxnard, CA

Project No: **20-002685**

Date: **November 2020**

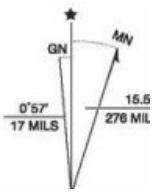
Figure: **FIGURE 1**

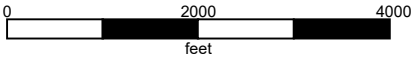


Base Map: Seismic Hazard Zone Report 052,Oxnard Quadrangle Plate 1.1, 2002

LEGEND

Qha	Latest Holocene alluvial deposits, deposited as overbank material associated with unit Qw, recognized by scour and incised channeling features, composed of unconsolidated, poorly sorted clayey sand with some gravel
Qha2	Holocene alluvial deposits, deposited as overbank material associated with unit Qhw2, recognized by scour and incised channeling features, composed of unconsolidated, poorly sorted clayey sand with some gravel
Qha3	Holocene alluvial deposits, deposited as overbank material associated with unit Qhw3, recognized by scour and incised channeling features, composed of unconsolidated, poorly sorted clayey sand with some gravel
Qhw3	Holocene wash deposit; composed of unconsolidated sand, silt and gravel
Qhw2	Holocene wash deposit; composed of unconsolidated sand, silt and gravel
Qw	Active wash deposits within major river channels; composed of unconsolidated silt; sand and gravel.





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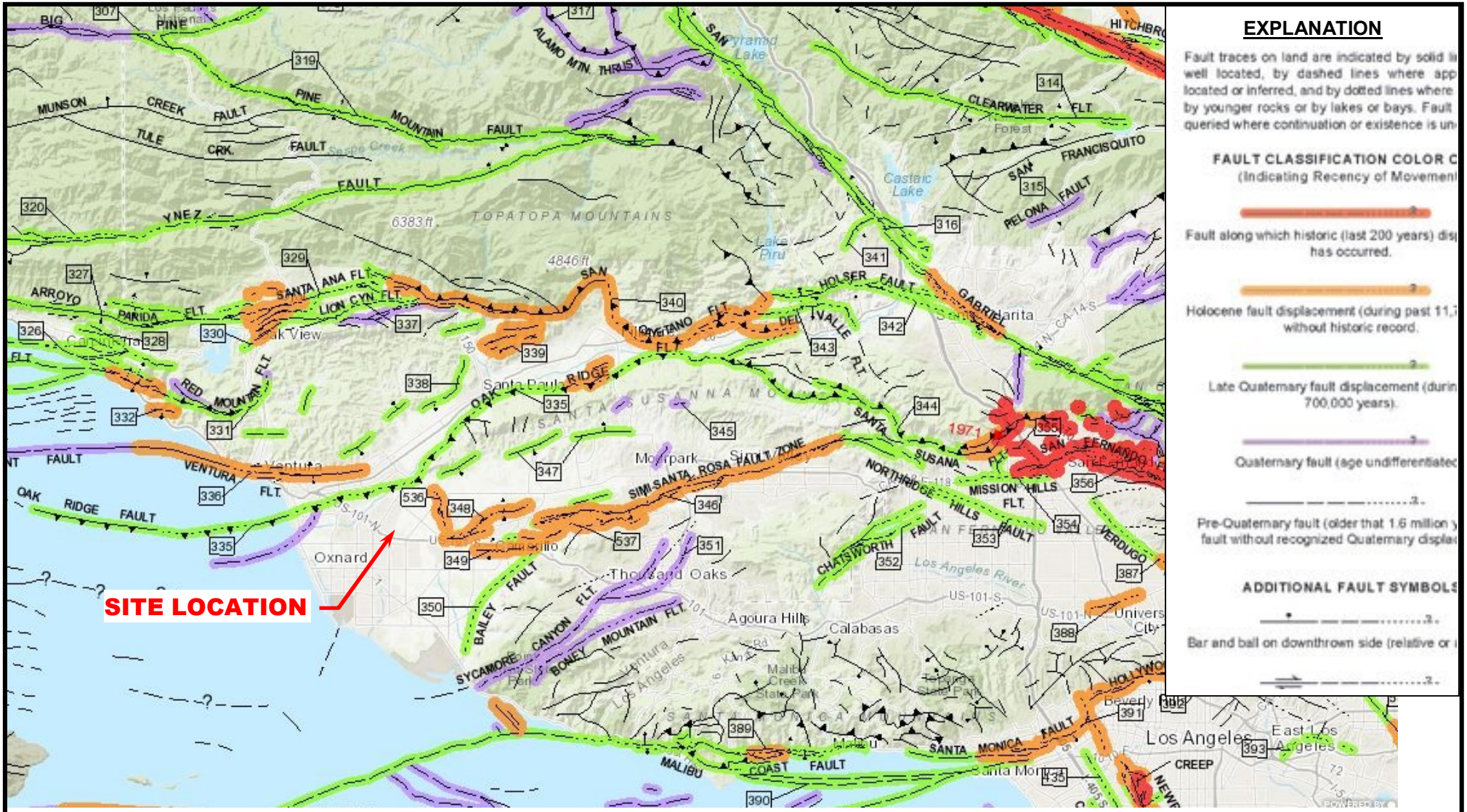
Title: **REGIONAL GEOLOGIC MAP**

Project: **RSD - Geotechnical Update – Sports Field Complex**
Rio Del Valle Middle School, Oxnard, CA

Project No: **20-002685**

Date: **November 2020**

Figure: **FIGURE 2**



Base image from: CGS website (5/21/18)
http://www.quake.ca.gov/gmaps/FAM/faultactivitymap.html#middle_column

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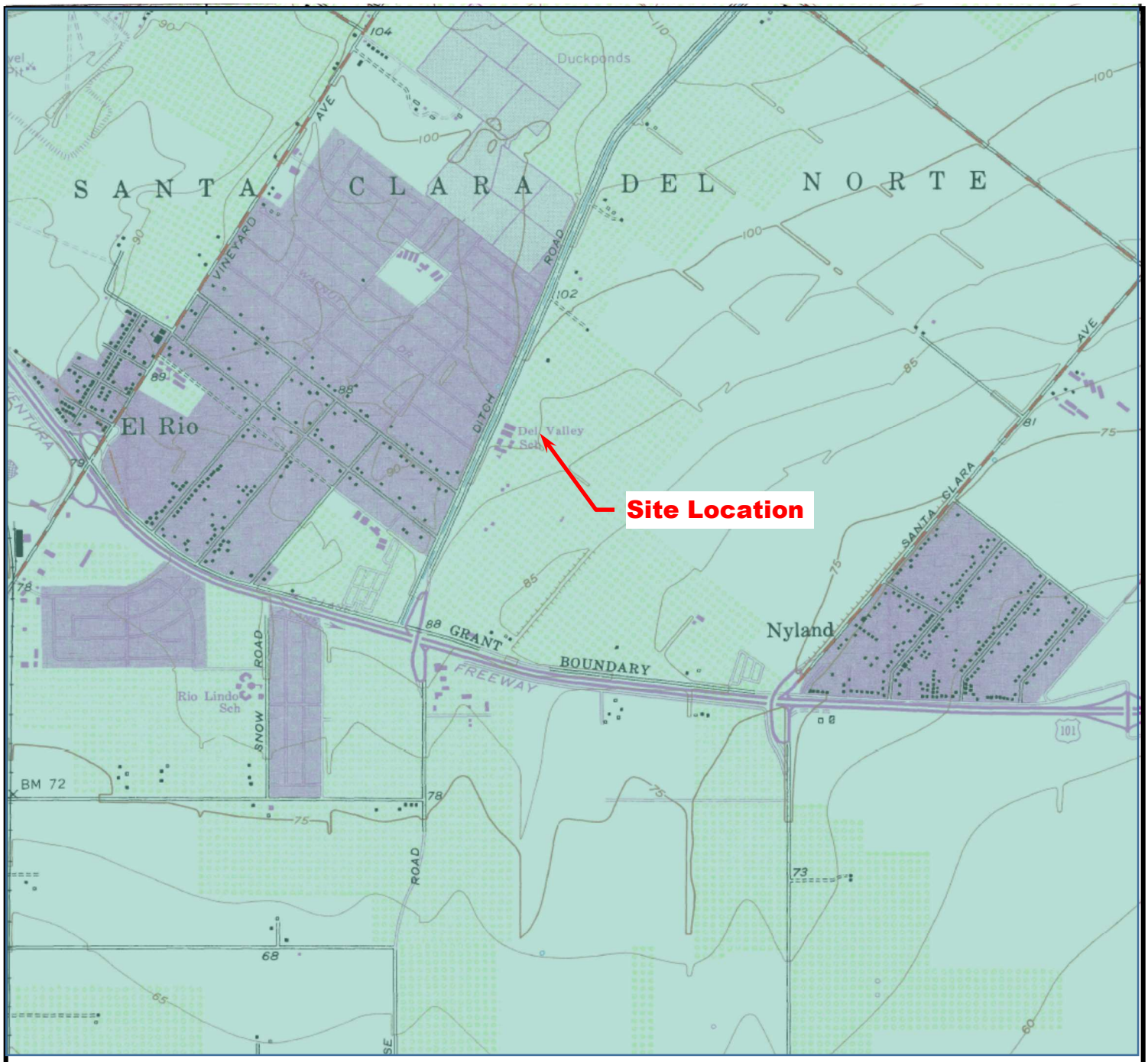
Title: **FAULT ACTIVITY MAP**

Project: **RSD – Geotechnical Update – Sports Field Complex**
Rio Del Valle Middle School, Oxnard, CA

Project No: **20-002685**

Date: **November 2020**

Figure: **FIGURE 3**



Base Map: California Geological Survey website: CGS Dataviewer: https://maps.conservation.ca.gov/cgs/DataViewer/ , retrieved 6/18/2019

LEGEND

Seismic Hazards Program: Alquist-Priolo Fault Hazard Zones

Fault Zones

Seismic Hazards Program: Liquefaction Zones

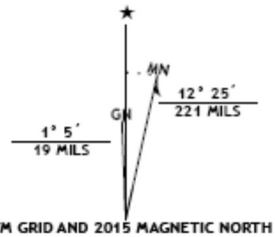
Liquefaction Zones

Seismic Hazards Program: Landslide Zones

Landslide Zones

Seismic Hazards Program: Overlapping Landslide and Liquefaction Zones

Liquefaction and Landslide Overlap Zones



UTM GRID AND 2015 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

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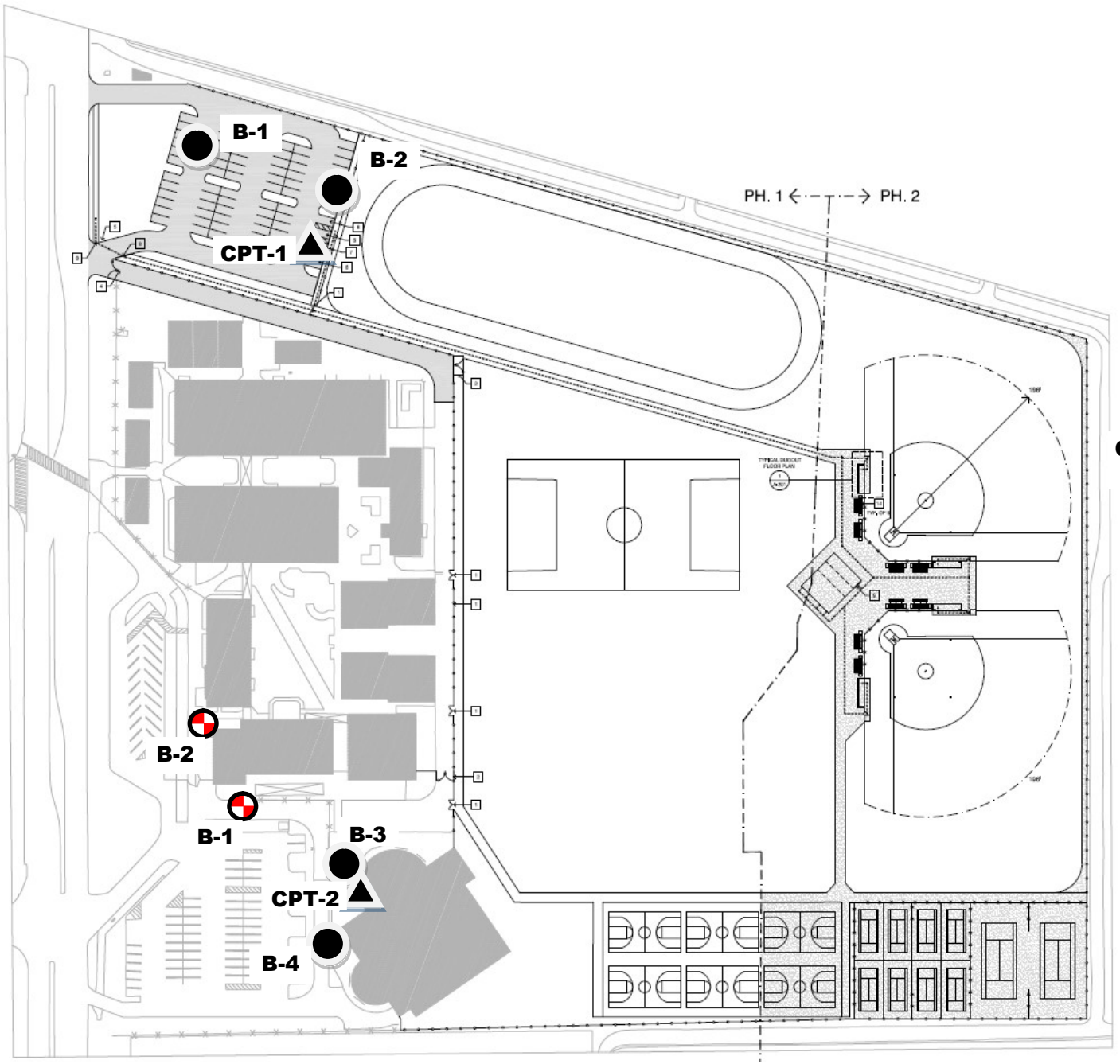
Title: **SEISMIC HAZARD MAP**

Project: **RSD - Geotechnical Update – Sports Field Complex**
Rio Del Valle Middle School, Oxnard, CA

Project No: **20-002685**

Date: **November 2020**

Figure: **FIGURE 4**



EXPLANATION

B-2 Number and Approximate Location of Small-Diameter Exploratory Boring by NV5, 2017

B-4 Number and Approximate Location of Small-Diameter Exploratory Boring by Earth Systems, 1997

CPT-2 Number and Approximate Location of Cone Penetrometer Test Sounding by Earth Systems, 1997

N

0 160 320 ft

Base Map: Sheet A-102 - Sports Fields Site Plan Phase 2 New by Kruger Bensen Ziemer Arch dated 4/30/2020

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Title: **GEOTECHNICAL SITE PLAN**

Project: **Sports Field Complex Phase 2 Improvements**
Rio Del Valle Middle School, Oxnard, CA

Project No: **20-02685**

Date: **November 2020**

Figure: **FIGURE 5**

APPENDIX A

FIELD EXPLORATION

APPENDIX A

FIELD EXPLORATION

NV5's 2017 report presented the results of our field investigation including a site reconnaissance and a subsurface exploration program consisting of two (2) hollow stem auger borings performed on April 10, 2017. During the site reconnaissance, the surface conditions were noted and the locations of the proposed borings and CPTs were marked for utility clearance. Borings were located by pacing or by rough measurements relative to existing streets, boundary features, and physical features and should be considered accurate only to the degree implied by the method used.

Earth materials encountered in the exploratory excavations were logged by a representative of NV5 West and classified in the field by visual examination in accordance with the Unified Soil Classification System (ASTM 2488). The field descriptions have been modified where appropriate to reflect laboratory test results.

For a key to soil symbols and terminology used in the boring logs, refer to Plate A-1 – Key for Classification and Description of Soil.

Drilling, Logging, and Soil Classification

Mud rotary borings were performed by NV5's drilling subcontractor, Choice Drilling, under the continuous technical supervision of an NV5 field engineer, who visually inspected the soil samples, measured groundwater levels, maintained detailed records of the borings, and visually / manually classified the soils in accordance with the ASTM D 2488 and the Unified Soil Classification System (USCS). Logging and classification was performed in general accordance with Caltrans 'Soil and Rock Logging, Classification, and Presentation Manual (2010 Edition)'.

Sampling

Bulk samples of soil cuttings were collected at selected depths and drive samples were collected at a typical interval of 2-1/2 to 5 feet from the borings. The sampling was performed using Standard Penetration Test (SPT) samplers in accordance with ASTM D 1586 and Ring-Lined California Split Barrel samplers in accordance with ASTM D 3550. Bulk samples were collected from auger cuttings and placed in plastic bags.

SPT drive samples were obtained using a 2-inch outside diameter and 1.375-inch inside diameter split-spoon sampler without lining. The soil recovered from the SPT sampling was sealed in plastic bags to preserve the natural moisture content.

California drive samples were collected with a 3-inch outside diameter 2.5-inch inside diameter split barrel sampler with a 2.42-inch inside diameter cutting shoe. The sampler barrel is lined with 18-inches of metal rings for sample collection and has an additional length of waste barrel. Stainless steel or brass liner rings for sample collection are 1-inch high, 2.42-inch inside diameter, and 2.5-inch outside diameter. California samples were removed from the sampler, retained in the metal rings and placed in sealed plastic canisters to prevent loss of moisture.

At each sampling interval, the drive samplers were fitted onto sampling rod, lowered to the bottom of the boring, and driven 18 inches or to refusal (50 blows per 6 inches) with a 140-lb hammer free-falling a height of 30-inches using an automatic hammer.

Compared to the SPT, the California sampler provides less disturbed samples.

Borehole Abandonment

At the completion of the drilling groundwater was measured (where possible) and the borings were abandoned by backfilling the borehole with drill cuttings or Bentonite grout, or as indicated on the boring logs. Notes describing the borehole abandonment are presented at the bottom of each boring record.

Sample Handling and Transport

Geotechnical samples were sealed to prevent moisture loss, packed in appropriate protective containers, and transported to the geotechnical laboratory for further examination and geotechnical testing.

Laboratory Testing

The soils were further examined and tested in the laboratory and classified in accordance with the Unified Soil Classification System following ASTM D 2487 and D 2488. Field classifications presented on the records were modified where necessary on the basis of the laboratory test results. Descriptions of the laboratory tests performed and a summary of the results are presented in Appendix B.

KEY FOR CLASSIFICATION AND DESCRIPTION OF SOIL

Soil Classification: In general conformance with the Unified Soil Classification System as presented by ASTM D 2488.
Lithologic Variation: Natural soils are frequently stratified and vary both horizontally and vertically. Descriptions provided for samples may not be representative of the entire sample, or for intervals above and below the sample. Thus, discrepancies may occur between sample descriptions on field logs and laboratory descriptions.

DESCRIBE (1)SOIL TYPE, (2) GRAIN SIZE & DISTRIBUTION, (3)COLOR, (4)MOISTURE, (5)DENSITY, and (6)OTHER DESCRIPTORS in general order of significance (e.g. visible pores, plasticity, soil structure, odor, organics, etc.)

e.g. SILTY SAND (SM): mostly fine sand, little silt, trace medium -coarse sand, reddish brown, damp, med. dense, nonplastic, few pinhole pores (Qal)

STEP 1: SOIL CLASSIFICATION

UNIFIED SOIL CLASSIFICATION SYSTEM

Major Divisions				Group Symbol	Typical Names	Field Identification Procedures		
1		2		3	4	5		
Coarse-grained Soils (> 50% passing No. 200 Sieve)	Gravels >50% of coarse fraction is > 1/4in.	<= 5% fines	5 - 12% fines dual i (e.g. GW-GC or GP-GM)	GW	Well-graded gravel, gravel-sand mixtures, little of no fines.	Wide range in grain sizes and substantial amounts of all intermediate particle sizes.		
				GP	Poorly-graded gravel, gravel-sand mixtures, little of no fines.	Predominately one size or range of sizes with some intermediate sizes missing.		
		>= 12% fines		GM	Silty gravel, gravel-sand-silt mixture	Non-plastic fines or fines with low plasticity		
				GC	Clayey gravel, gravel-sand-clay mixture	Plastic fines		
	Sands <50% of coarse fraction is > 1/4in.	<= 5% fines	5 - 12% fines dual i.d. (e.g. SW-SC or SP-SM)	SW	Well-graded sand, gravely sand	Wide range in grain sizes and substantial amounts of all intermediate particle sizes.		
				SP	Poorly-graded sand, gravely sand	Predominately one size or range of sizes with some intermediate sizes missing.		
		>= 12% fines		SM	Silty sand, sand-silt mixture	Non-plastic fines		
				SC	Clayey sand, sand-clay mixture	Plastic fines		
Fine-grained Soils (< 50% passing No. 200 Sieve) (The No. 200 sieve size is about the smallest particle visible to the naked eye.)	for soils with 45 - 55% fines or roughly equal % of defining material, use Borderline Symbol (i.e. SC/CL, GP/SP, CL/ML, CL/CH)							
						Identification Procedures on Fraction Smaller Than No. 40 Sieve		
						Dry Strength (Crushing)	Dilatancy (Reaction to Shaking)	Toughness (near PL)
	Silts & Clays	Liquid limit < 50	slight - medium plasticity	ML	Silt, Clayey Silt, Silty or Clayey very fine Sand, slight plasticity	None to low	Slow to rapid	None
				CL	Clay, Sandy Clay, Silty Clay, lean clay, low - medium plasticity	Medium to high	None to slow	Medium
				OL	Organic Silts or Silty Clays of low plasticity	Slight to medium	Slow	Slight
	Silts & Clays	Liquid limit > 50	high plasticity	MH	Silt, Clayey Silt, Silty or Clayey very fine Sand, high plasticity	Low to medium	None to slow	Low to medium
				CH	Clay, Fat Clays, high plasticity	High to very high	None	High
				OH	Organic Clays of medium to high plasticity	Medium to high	None to very slow	Slight to medium
Highly Organic Soils				Pt	Peat and other highly organic soil	High organic content, color, spongy, fibrous.		

2: GRAIN SIZE & AMOUNT

PARTICLE SIZE		US Sieve	Sieve Opening
	Boulder	> 12 in	> 12 in
	Cobble	12 - 3 in	12 - 3 in
Gravel	Coarse	3 - 3/4 in	3 - 3/4 in
Gravel	Fine	3/4in - No.4	3/4in - 4.75mm
Sand	Coarse	No.4 - No.10	4.75 - 2.00mm
Sand	Medium	No.10 - No.40	2.00 - 0.475mm
Sand	Fine	No.40 - No.200	0.475 - 0.075mm
	Silt & Clay	below No.200	< 0.075

5: CONSISTENCY

SOIL CONSISTENCY		Blows/ Foot	Pocket Pen. (TSF)
SILT & CLAY[1]	Very Soft	< 2	< 0.25
	Soft	2 - 4	0.25 - 0.5
	Medium Stiff	5 - 8	0.5 - 1
	Stiff	9 - 15	1 - 2
	Very Stiff	16 - 30	2 - 4
	Hard	> 30	> 4
SAND[2]	Very Loose	0 - 4	
	Loose	5 - 10	
	Medium Dense	11 - 30	
	Dense	31 - 50	
	Very Dense	> 50	

[1] NAVFAC DM-7.1, 1982; [2] Terzaghi and Peck, 1967

6: PLASTICITY

PLASTICITY	
Nonplastic	Cannot roll into 1/8" tread
Slightly Plastic	Barely roll into thread
Medium Plastic	Can roll into thread
Highly Plastic	Cannot rupture by kneading

4: MOISTURE

SOIL MOISTURE	
Dry	Powdery
Damp	Below PL
Moist	PL - LL
Wet	above LL

BORING LOG SYMBOLS

- Cal. Mod. Sample
- No Recovery (Cal Mod.)
- SPT Sample
- No Recovery (SPT)
- Shelby Sample
- No Recovery (Shelby)
- Bulk Sample

ESTIMATED AMOUNT	
Trace	< 5 %
Few	5 to 15 %
Little	15 to 30 %
Some	30 to 50 %
Mostly	> 50 %

3: COLOR

Describe Color at field moisture in general conformance with Munsell Soil Color Charts.



GUIDELINE FOR DESCRIPTION & CLASSIFICATION OF SOIL

Plate A-1

Project:	RSD - Rio Del Valle MS-Proposed Kitchen Imp.	NV5	**Boring B-1**
Project Location:	3100 N. Rose Ave., Oxnard CA		Sheet 1 of 2
Project Number:	114517-0002094.00		

Date(s) Drilled	**4/10/2017**	Logged By	**L. Theodosiou**	Checked By	**S. Simon**
Drilling Method	Hollow Stem Auger	Boring Diameter	8 inches	Approximate Surface Elevation	99 feet
Drilling Contractor	Choice Drilling	Sampling Method	Auto Hammer - 140 lb, 30 inch drop		
Drill Rig Type:		Comments	Located in Asphalt Driveway		

Depth (ft)	Sample Type	Blows / 6 in. (N)	Sample ID	USCS Class	**MATERIAL DESCRIPTION** This log is an integral part of the accompanying report and must be used together with the report for relevant interpretation. The descriptions contained hereon apply only at this boring location and at the time of excavation. Subsurface data are a simplified summary of actual conditions encountered and may vary at other locations and with the passage of time.	Moisture Content %	Dry Weight (pcf)	Other Tests and Remarks
0					QUATERNARY ALLUVIUM - 0' - T.D.			
					0 to 4 inches - Asphalt pavement 4 inches to 7 inches - Aggregate Base @ 7 inches - Silty SAND; brown, medium dense, moist.			Incremental Blowcounts shown in blows per inch last 12 inches of sampling
	■	5 6		SM	@ 2.5' - Silty SAND; yellowish brown, fine- to medium-grained, medium dense, moist.	7.6	97	Bulk sample from 0.5' to 2.5'
5	■	4 4		ML	@ 5' - Silty fine-grained SAND to sandy SILT; pale yellowish brown, medium dense/stiff, moist, poorly graded.	9.8	89	
	◪	2 3 3		ML	@ 7.5' - SILT over 10" of silty fine-grained SAND over 4" of clayey SILT; yellowish brown, stiff/medium dense, moist.			
10	■	6 11		ML	@ 10' - Clayey to Sandy SILT; dark yellowish brown, medium dense, moist, orange mottling.	26.1	89	14% SAND, 68% SILT, 18% CLAY LL = 33, PI = 6
	◪	2 4 4		ML	@ 12.5' - Clayey to Sandy SILT; mottled medium to dark yellowish brown, sand is fine-grained, stiff, moist.			2% SAND, 71% SILT, 27% CLAY
15	◪	2 10 14		ML/ SP	@ 15' - 9 inches of SILT over 9 inches of SAND; pale yellowish brown. Silt is stiff, moist. Sand is clean, fine- to medium grained, medium dense, moist.			16% SAND, 84% SILT/CLAY
20	■	22 41		SP	@20' - SAND; pale yellowish brown, fine- to medium-grained, occasional gravel, medium dense to dense, moist, poorly graded.	4.5	115	
								@ 22 feet: Rig Chatter
25	◪	11 18 29		SW	@ 25' -SAND with fine gravel; pale yellowish brown, fine- to coarse-grained, clean, well graded, medium dense, moist.			(3,3,3,3,3,3,4,5,4,4,6,6)

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Sample Type: Cal. Mod. | No Recovery (Cal. Mod.) | SPT | No Recovery (SPT) | Shelby | No Recovery | Bulk

Project:	RSD - Rio Del Valle MS-Proposed Kitchen Imp.	NV5	**Boring B-1**
Project Location:	3100 N. Rose Ave., Oxnard CA		Sheet 2 of 2
Project Number:	114517-0002094.00		

Date(s) Drilled	**4/10/2017**	Logged By	**L. Theodosiou**	Checked By	**S. Simon**
Drilling Method	Hollow Stem Auger	Boring Diameter	8 inches	Approximate Surface Elevation	99 feet
Drilling Contractor	Choice Drilling	Sampling Method	Auto Hammer - 140 lb, 30 inch drop		
Drill Rig Type:		Comments			

Depth (ft)	Sample Type	Blows / 6 in. (N)	Sample ID	USCS Class	MATERIAL DESCRIPTION	Moisture Content %	Dry Weight (pcf)	Other Tests and Remarks
					This log is an integral part of the accompanying report and must be used together with the report for relevant interpretation. The descriptions contained hereon apply only at this boring location and at the time of excavation. Subsurface data are a simplified summary of actual conditions encountered and may vary at other locations and with the passage of time.			
30		10 21		SW	@ 30' - fine- to coarse-grained SAND with gravel; pale yellowish brown, medium dense, moist, well graded.	11.5	111	Incremental Blowcounts shown in blows per inch last 12 inches of sampling
35		14 21 18		SW/ SP	@ 35' - 4 inches of pale yellowish brown coarse-grained SAND with gravel over 12 inches of fine- to medium-grained SAND, dense, moist. Fine-coarse grained sand is well graded, fine- to medium grained sand is poorly graded.			(3.4.4.4.3.3.3.3.3.3.3.3)
40		10 12 16		SP	@ 40' -SAND; pale yellowish brown, fine- to medium-grained, clean, medium dense, moist, poorly sorted.			(2.2.2.2.2.2.3.2.3.2.3.3)
45		13 18 23		SW	@ 45' - SAND; pale yellowish brown, fine- to coarse-grained, well graded, medium dense to dense, moist.			(3.2.4.3.3.4.4.4.3.4.4)
50		20 22 25		SW	@ 50' - SAND; pale yellowish brown, fine- to coarse-grained, trace fine gravel, well graded, dense, moist.			(4.4.3.4.3.4.5.4.4.5.3.4)
55					Total Depth = 51.5 Feet No groundwater encountered No caving Backfilled with bentonite grout to 1 foot of ground surface, then gravel, and matched AC thickness with Cold Patch Asphalt.			

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Sample Type

Cal. Mod. | No Recovery (Cal. Mod.) | SPT | No Recovery (SPT) | Shelby | No Recovery | Bulk

Project:	RSD - Rio Del Valle MS-Proposed Kitchen Imp.	NV5	**Boring B-2**
Project Location:	3100 N. Rose Ave., Oxnard CA		Sheet 1 of 2
Project Number:	114517-0002094.00		

Date(s) Drilled	**4/10/2017**	Logged By	**L. Theodosiou**	Checked By	**S. Simon**
Drilling Method	Hollow Stem Auger	Boring Diameter	8 inches	Approximate Surface Elevation	102 feet
Drilling Contractor	Choice Drilling	Sampling Method	Auto Hammer - 140 lb, 30 inch drop		
Drill Rig Type:	CME 95	Comments	Located in Planter		

Depth (ft)	Sample Type	Blows / 6 in. (N)	Sample ID	USCS Class	**MATERIAL DESCRIPTION** This log is an integral part of the accompanying report and must be used together with the report for relevant interpretation. The descriptions contained hereon apply only at this boring location and at the time of excavation. Subsurface data are a simplified summary of actual conditions encountered and may vary at other locations and with the passage of time.	Moisture Content %	Dry Weight (pcf)	Other Tests and Remarks
					QUATERNARY ALLUVIUM - 0' - T.D.			
0				SM	Silty SAND; Dark yellowish brown, moist, loose to medium dense.			Incremental Blowcounts shown in blows per inch last 12 inches of sampling
		7 8		SM	@ 2.5' - Silty SAND; Dark yellowish brown to yellowish brown, moist, loose to medium dense.	8.6	102	
5		2 2 2		SM	@ 5' - Silty SAND to Sandy SILT; yellowish brown, fine-grained, moist, loose to medium dense/stiff.			
		11 15		SM/ ML	@ 7.5' - Silty SAND to Sandy SILT; yellowish brown, fine-grained, moist, loose to medium dense/stiff.	22.4	90	32% SAND, 68% SILT/CLAY
10		2 4 3		ML	@ 10' - SILT; moderate to dark yellow brown, varies clayey to fine-grained Sandy SILT, stiff, moist.			
		3 3 3		ML	@ 12.5' - SILT; yellowish brown, varies from clayey to fine-grained and, orange mottling, stiff, moist.			
15		5 7		ML	@ 15' - Clayey to fine-grained sandy SILT; yellowish brown, stiff, moist. Orange mottling.	34.9	87	61% SILT, 39% CLAY LL = 43, PI = 18
20		6 21 18		SM SP/ SW	@ 20' -Silty fine-grained SAND, fine-grained SAND, and fine- to coarse-grained SAND with gravel, interbedded every 3 inches, dense, moist, poorly graded and well graded interbeds.			(3,3,4,4,4,3,4,3,3,3,2,3)
25		25 33		SW	@ 25 - Fine- to coarse-grained SAND with gravel; pale yellowish brown, coarse gravel in sampler tip, medium dense, moist.	5.4	109	

NV5 WEST, INC.
An NV5, Inc. Company

Sample Type: Cal. Mod. | No Recovery (Cal. Mod.) | SPT | No Recovery (SPT) | Shelby | No Recovery | Bulk

Project:	RSD - Rio Del Valle MS-Proposed Kitchen Imp.	NV5	Boring B-2
Project Location:	3100 N. Rose Ave., Oxnard CA		Sheet 2 of 2
Project Number:	114517-0002094.00		

Date(s) Drilled	4/10/2017	Logged By	L. Theodosiou	Checked By	S. Simon
Drilling Method	Hollow Stem Auger	Boring Diameter	8 inches	Approximate Surface Elevation	102 feet
Drilling Contractor	Choice Drilling	Sampling Method	Auto Hammer - 140 lb, 30 inch drop		
Drill Rig Type:		Comments			

Depth (ft)	Sample Type	Blows / 6 in. (N)	Sample ID	USCS Class	MATERIAL DESCRIPTION	Moisture Content %	Dry Weight (pcf)	Other Tests and Remarks
30		10 15 10		SW	This log is an integral part of the accompanying report and must be used together with the report for relevant interpretation. The descriptions contained hereon apply only at this boring location and at the time of excavation. Subsurface data are a simplified summary of actual conditions encountered and may vary at other locations and with the passage of time. @30' - fine- to coarse-grained SAND with gravel; pale yellowish brown; gravel to 1 inch in diameter, well graded, medium dense, moist.			Incremental Blowcounts shown in blows per inch last 12 inches of sampling @30' (3,2,3,3,2,2,2,2,2,2,1,1)
					Total Depth = 31.5 Feet.			
					No groundwater No caving			
35					Backfilled with bentonite grout to ground surface. Drill cuttings collected drums and removed from site			
40								
45								
50								
55								

NV5 **NV5 WEST, INC.**
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Sample Type

Cal. Mod. | No Recovery (Cal. Mod.) | SPT | No Recovery (SPT) | Shelby | No Recovery | Bulk

APPENDIX A (cont.)

FIELD EXPLORATION – BY OTHERS

Earth Systems Consultants

1731-A Walter Street, Ventura, California 93003
PHONE: (805) 642-6727 FAX: (805) 642-1325

BORING NO: 1
PROJECT NAME: Rio del Valle Gymnasium- North
PROJECT NUMBER: SS-21320-V1
BORING LOCATION: Per Plan

DRILLING DATE: 5/8/97
DRILLING METHOD: 8" Hollow Stem Auger
DRILL: CME 55
LOGGED BY: ST

VERTICAL DEPTH (feet)	SYMBOL	SAMPLE TYPE	PENETRATION RESISTANCE (BLOWS/6")	DESCRIPTION OF UNITS	USCS CLASS	UNIT DRY WT. (pcf)	% MOISTURE	REMARKS
0			10/10	A1: Yellow-brown slightly clayey silty fine to medium sand	SM	103.1	7.6	
5			3/5	A2: Dark yellow-orange clayey silty fine to medium sand	SM	94.9	11.2	
			4/6			90.2	7.6	
10			4/7	B1: Yellow-brown to dark yellow-orange fine sandy clayey silt	ML	89.4	28.5	
15			6/10			92.2	26.4	
20			29/47	A3: Pale gray slightly silty fine to coarse sand, occasional gravel	SW			
25			28/37					
30			25//55					
35			35/42					
				as above, with interbeds of yellow-brown clayey silt				▼
40			14/34			103.7	16.0	continued on next page

TOTAL DEPTH : 51 FEET.

GROUNDWATER ENCOUNTERED @ 39 FT.

Note: The stratification lines shown represent the approximate boundary between soil and/or rock types and the transition may be gradual.

Earth Systems Consultants

1731-A Walter Street, Ventura, California 93003
PHONE: (805) 642-6727 FAX: (805) 642-1325

BORING NO: 1 (continued)
PROJECT NAME: Rio del Valle Gymnasium- North
PROJECT NUMBER: SS-21320-V1
BORING LOCATION: Per Plan

DRILLING DATE: 5/8/97
DRILLING METHOD: 8 " Hollow Stem
DRILL: CME 55
LOGGED BY: ST

VERTICAL DEPTH (feet)	SYMBOL	SAMPLE TYPE	PENETRATION RESISTANCE (BLOWS/6")	DESCRIPTION OF UNITS	USCS CLASS	UNIT DRY WT. (pcf)	% MOISTURE	REMARKS
40			14/34	A3: Pale gray slightly silty fine to coarse sand, occasional gravel, interbedded with medium to coarse sand and gravel	SW	103.7	16.0	continued from previous page
45			16/29/32					
50			14/22/39	as above, with less gravel				
55								
60								
65								
70								
75								
80								

TOTAL DEPTH : 51 FEET.

GROUNDWATER ENCOUNTERED @ 39 FT.

Note: The stratification lines shown represent the approximate boundary between soil and/or rock types and the transition may be gradual.

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BORING NO: 2
PROJECT NAME: Rio del Valle Gymnasium- North
PROJECT NUMBER: SS-21320-V1
BORING LOCATION: Per Plan

DRILLING DATE: 5/8/97
DRILLING METHOD: 8" Hollow Stem Auger
DRILL: CME 55
LOGGED BY: ST

CAL DEPTH (feet)	SYMBOL	SAMPLE TYPE	PENETRATION RESISTANCE (BLOWS/6")	DESCRIPTION OF UNITS	USCS CLASS	UNIT DRY WT. (pcf)	% MOISTURE	REMARKS
0			6/11	A1: Grayish-orange slightly silty fine to medium sand	SM	96.9	2.0	
5			5/5 4/6	A2: Grayish-orange to yellow-brown clayey silty fine to medium sand	SM	94.9 ---	11.2 12.7	
10			8/9	B1: Yellow-brown to dark yellow-orange fine sandy clayey silt	ML	90.7	28.5	
15			11/18					
20			38/60	A3: Pale yellow-brown to pale gray slightly silty fine to coarse sand, occasional gravel, and interbeds of yellow-brown very clayey silt between 20 and 25 feet	SW			
25			28/60					
30			25//39					
35			39/55					▼
40			11/19			108.3	15.5	continued on next page

TOTAL DEPTH : 51 FEET.

GROUNDWATER ENCOUNTERED @ 38 FT.

Note: The stratification lines shown represent the approximate boundary between soil and/or rock types and the transition may be gradual.

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PHONE: (805) 642-6727 FAX: (805) 642-1325

BORING NO: 2 (continued)
PROJECT NAME: Rio del Valle Gymnasium- North
PROJECT NUMBER: SS-21320-V1
BORING LOCATION: Per Plan

DRILLING DATE: 5/8/97
DRILLING METHOD: 8 " Hollow Stem
DRILL: CME 55
LOGGED BY: ST

VERTICAL DEPTH (feet)	SYMBOL	SAMPLE TYPE	PENETRATION RESISTANCE (BLOWS/6")	DESCRIPTION OF UNITS	USCS CLASS	UNIT DRY WT. (pcf)	% MOISTURE	REMARKS
40			11/19	A3: Pale gray slightly silty fine to coarse sand, occasional gravel	SW	108.3	15.5	continued from previous page
45			3/5/9					
50			18/35/60					
55				▙ - disturbed ring sample				
60								
65								
70								
75								
80								

TOTAL DEPTH : 51 FEET.

GROUNDWATER ENCOUNTERED @ 38 FT.

Note: The stratification lines shown represent the approximate boundary between soil and/or rock types and the transition may be gradual.

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BORING NO: 3
PROJECT NAME: Rio del Valle Gymnasium- South
PROJECT NUMBER: SS-21320-V1
BORING LOCATION: Per Plan

DRILLING DATE: 5/8/97
DRILLING METHOD: 8" Hollow Stem Auger
DRILL: CME 55
LOGGED BY: ST/TT

VERTICAL DEPTH (feet)	SYMBOL	SAMPLE TYPE	PENETRATION RESISTANCE (BLOWS/6")	DESCRIPTION OF UNITS	USCS CLASS	UNIT DRY WT. (pcf)	% MOISTURE	REMARKS
0			9/9	A1: Yellow-brown silty fine to medium sand	SM	96.3	8.0	
			8/14	A2: Yellow-orange clayey silty fine to medium sand	SM	92.9	9.4	
5			5/4	B1: Yellow-brown to dark yellow-orange fine sandy clayey silt	ML	84.1	29.2	
10			5/8			85.9	32.8	
15			21/33	A4: Pale gray slightly silty fine sand, trace gravel	SP			
20			28/55	A3: Pale gray slightly silty fine to coarse sand, occasional gravel	SW			
25			31/60					
30			32/50	as above, but pale gray to yellow-gray and with only trace gravel				
35			38/50					▼
40			7/12/13			---	12.0	continued on next page

TOTAL DEPTH : 51 FEET.

GROUNDWATER ENCOUNTERED @ 35 FT.

Note: The stratification lines shown represent the approximate boundary between soil and/or rock types and the transition may be gradual.

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PHONE: (805) 642-6727 FAX: (805) 642-1325

BORING NO: 3 (continued)
PROJECT NAME: Rio del Valle Gymnasium- South
PROJECT NUMBER: SS-21320-V1
BORING LOCATION: Per Plan

DRILLING DATE: 5/8/97
DRILLING METHOD: 8 " Hollow Stem
DRILL: CME 55
LOGGED BY: TT

VERTICAL DEPTH (feet)	SYMBOL	SAMPLE TYPE	PENETRATION RESISTANCE (BLOWS/6")	DESCRIPTION OF UNITS	USCS CLASS	UNIT DRY WT. (pcf)	% MOISTURE	REMARKS
40			7/12/13	A3: Pale gray slightly silty fine to coarse sand, trace gravel, occasional thin interbeds of clayey silt	SW	---	12.0	continued from previous page
45			8/10/12					
50			9/15/23					
55								
60								
65								
70								
75								
80								

TOTAL DEPTH : 51 FEET.

GROUNDWATER ENCOUNTERED @ 35 FT.

Note: The stratification lines shown represent the approximate boundary between soil and/or rock types and the transition may be gradual.

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1731-A Walter Street, Ventura, California 93003
PHONE: (805) 642-8727 FAX: (805) 642-1325

BORING NO: 4
PROJECT NAME: Rio del Valle Gymnasium- South
PROJECT NUMBER: SS-21320-V1
BORING LOCATION: Per Plan

DRILLING DATE: 5/9/97
DRILLING METHOD: 8" Hollow Stem Auger
DRILL: CME 55
LOGGED BY: ST

VERTICAL DEPTH (feet)	SYMBOL	SAMPLE TYPE	PENETRATION RESISTANCE (BLOWS/6")	DESCRIPTION OF UNITS	USCS CLASS	UNIT DRY WT. (pcf)	% MOISTURE	REMARKS
0			12/13	A1: Yellow-brown silty fine to medium sand	SM	95.6	7.5	
			5/5			90.8	5.5	
5			6/7	A2: Yellow-orange clayey silty fine to medium sand	SM	91.7	13.1	
10			5/8	B1: Yellow-brown to dark yellow-orange fine sandy clayey silt	ML	84.8	33.5	
15			19/40	A4: Pale gray slightly silty fine to medium sand, trace coarse sand to fine gravel	SP			
20			22/42					
25			33/60					
30			28/50					
35			25/55					▼
40			25/55	Increase in silt content @ 40 ft.				continued on next page

TOTAL DEPTH : 51 FEET.

GROUNDWATER ENCOUNTERED @ 35 FT.

Note: The stratification lines shown represent the approximate boundary between soil and/or rock types and the transition may be gradual.

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PHONE: (805) 642-6727 FAX: (805) 642-1325

BORING NO: 4 (continued)
PROJECT NAME: Rio del Valle Gymnasium- South
PROJECT NUMBER: SS-21320-V1
BORING LOCATION: Per Plan

DRILLING DATE: 5/9/97
DRILLING METHOD: 8 " Hollow Stem
DRILL: CME 55
LOGGED BY: TT

VERTICAL DEPTH (feet)	SYMBOL	SAMPLE TYPE	PENETRATION RESISTANCE (BLOWS/6")	DESCRIPTION OF UNITS	USCS CLASS	UNIT DRY WT. (pcf)	% MOISTURE	REMARKS
40			25/55	A4: Pale yellow-brown to pale gray slightly silty fine to medium sand, trace gravel	SP			continued from previous page
45			10/32/100					
50			13/16/28					
55								
60								
65								
70								
75								
80								

TOTAL DEPTH : 51 FEET.

GROUNDWATER ENCOUNTERED @ 35 FT.

Note: The stratification lines shown represent the approximate boundary between soil and/or rock types and the transition may be gradual.



Modified California Split Barrel Sampler



Modified California Split Barrel Sampler - No Recovery



Standard Penetration Test (SPT) Sampler



Standard Penetration Test (SPT) Sampler - No Recovery



Perched Water Level



Water Level First Encountered



Water Level After Drilling



Pocket Penetrometer (tsf)



Vane Shear (ksf)

1. The approximate locations of borings were determined by sighting and pacing from nearby prominent topographic or cultural features. Borehole elevations were estimated by interpolating between available plan contour intervals. The location and elevation of each boring should be considered accurate only to the degree implied by this method.

2. Stratification lines represent the approximate boundary between soil and/or rock types. The transition between statigraphic units may be gradual.

3. Water level readings taken in boreholes are approximate and apply only to the time and date of drilling. Fluctuations in the level of groundwater from the time of initial measurement may occur due to variations in rainfall, tides, barometric pressure, temperature, or other factors.

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Symbols Commonly Used on Boring Logs

MAJOR DIVISIONS			GRAPH SYMBOL	LETTER SYMBOL	TYPICAL DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)		G W	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
				G P	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)		G M	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
				G C	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	SAND AND SANDY SOILS	CLEAN SAND (LITTLE OR NO FINES)		S W	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				S P	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
	MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH FINES (APPRECIABLE AMOUNT OF FINES)		S M	SILTY SANDS, SAND-SILT MIXTURES
				S C	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE GRAINED SOILS	SILTS AND CLAYS	LIQUID LIMIT **LESS** THAN 50		M L	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
				C L	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
				O L	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
MORE THAN 50% OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS	LIQUID LIMIT **GREATER** THAN 50		M H	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILTY SOILS
				C H	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
				O H	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS				P T	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENTS

NOTE: DUAL SYMBOLS ARE USED TO INDICATE BORDERLINE SOIL CLASSIFICATIONS.

Earth Systems Consultants

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Unified Soil Classification System (USCS)

TERMS DESCRIBING CONSISTENCY OR CONDITION

COARSE GRAINED SOILS

(Major Portion Retained in No. 200 Sieve)

Includes (1) clean gravels and sands described as fine, medium or coarse, depending on distribution of grain sizes, and (2) silty or clayey gravels and sands, condition is rated according to relative density as determined by laboratory tests or estimated from resistance to sampler penetration.

Penetration Resistance Blows/Foot*	Descriptive Term	Relative Density
0 - 10	Loose	0 to 40%
10 - 30	Medium Dense	40 to 70%
30 - 50	Dense	70 to 90%
Over 50	Very Dense	90 to 100%

*140 lbs. Hammer - 30-inch Drop

Relative Density is also used to describe condition of low plasticity (PI < 10) fine grained soils such as sandy silts.

FINE GRAINED SOILS

(Major Portion Passing No. 200 Sieve)

Includes (1) inorganic and organic silts and clays, (2) gravelly, sandy or silty clays, and (3) clayey silts. Consistency is rated according to shearing strength, as indicated by penetrometer readings or by unconfined compression tests for soils with plasticity index ≥ 10.

Descriptive Term	Compressive Strength (Tons/Sq. Ft.)
Very Soft	Less than 0.25
Soft	0.25 to 0.50
Firm or Medium Stiff	0.50 to 1.00
Stiff	1.00 to 2.00
Very Stiff	2.00 to 4.00
Hard	4.00 and higher

NOTE: Slickensided and fissured clays may have lower unconfined compressive strengths than shown above, because of planes of weakness or shrinkage cracks in the soil. The consistency ratings of such soils are based on penetrometer readings.

TERMS CHARACTERIZING SOIL STRUCTURE

Calcareous: containing appreciable quantities of calcium carbonate.

Interbedded: composed of alternate layers of different soil types

Well Graded: having a wide range in grain sizes and substantial amounts of all intermediate particle sizes.

Color: in color description of soil predominant color is stated after modifier; i.e. reddish brown.

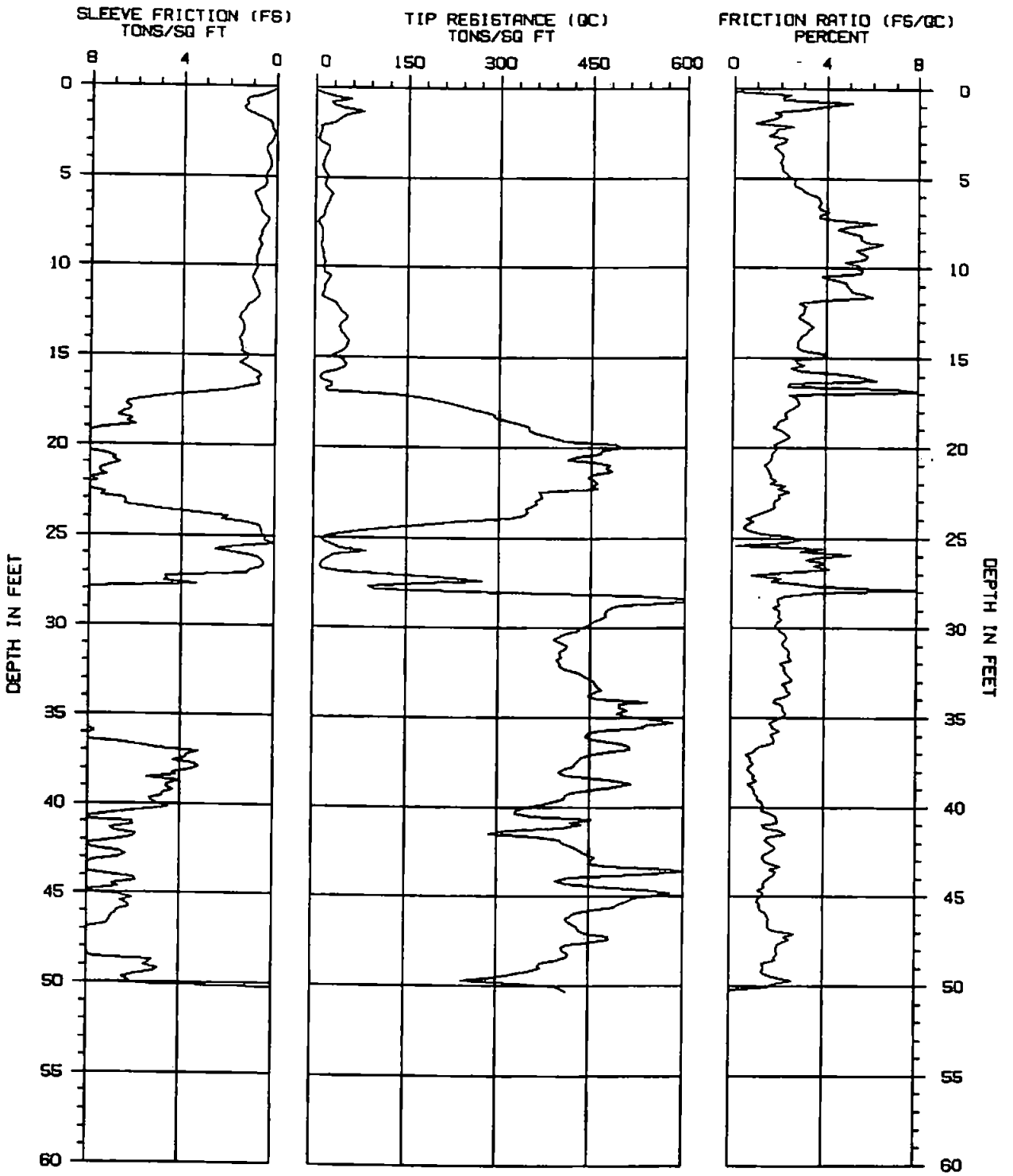
Slickensided: having inclined planes of weakness that are slick and glassy in appearance.

Fissured: containing shrinkage cracks, frequently filled with fine sand or silt; usually more or less vertical.

Poorly Graded: predominately of one grain size, or having a range of sizes with some intermediate size missing.

APPENDIX A (cont.)

FIELD EXPLORATION – CPT DATA BY OTHERS



TIP RESISTANCE NOT CORRECTED FOR END AREA EFFECT

CONE PENETRATION TEST

SOUNDING NUMBER: CPT-01

PROJECT NAME : RIO DEL VALLE GM

PROJECT NUMBER : SS-2132020

CONE/RIG : 468\#1 JH.JB

DATE/TIME: 05-01-97 14:47

HFA

CPT INTERPRETATIONS

SOUNDING : CPT-01
PROJECT : RIO DEL VALLE GM
DATE/TIME: 05-01-97 14:47

PROJECT No.: SS-2132020
CONE/RIG : 468\#1 JH,JB

DEPTH (m)	DEPTH (ft)	TIP RESISTANCE (tsf)	FRICTION RATIO (%)	SOIL BEHAVIOR TYPE	N(60)	N1(60)	Dr (%)	Su (tsf)	PHI (Degrees)
.150	.49	34.42	2.06	SANDY SILT to CLAYEY SILT	14	22		2.3	
.300	.98	31.40	3.98	CLAY to SILTY CLAY	21	33		1.8	
.450	1.48	52.71	2.03	SANDY SILT to CLAYEY SILT	21	34		3.5	
.600	1.97	30.55	.88	SILTY SAND to SANDY SILT	10	16	42		44.5
.750	2.46	8.43	1.78	CLAYEY SILT to SILTY CLAY	4	7		.7	
.900	2.95	7.27	2.20	CLAY to SILTY CLAY	5	8		.6	
1.050	3.44	22.94	1.87	SANDY SILT to CLAYEY SILT	9	15		1.8	
1.200	3.94	15.11	2.05	CLAYEY SILT to SILTY CLAY	8	12		1.2	
1.350	4.43	12.53	2.08	CLAYEY SILT to SILTY CLAY	6	10		1.0	
1.500	4.92	19.82	2.32	CLAYEY SILT to SILTY CLAY	10	16		1.3	
1.650	5.41	16.34	2.57	CLAYEY SILT to SILTY CLAY	8	13		1.1	
1.800	5.91	28.60	3.36	CLAYEY SILT to SILTY CLAY	14	23		1.9	
1.950	6.40	21.48	3.72	CLAY to SILTY CLAY	14	23		1.4	
2.100	6.89	15.83	4.11	CLAY	16	25		1.0	
2.250	7.38	7.12	4.49	CLAY	7	11		.4	
2.400	7.87	12.30	4.47	CLAY	12	18		.8	
2.550	8.37	12.47	5.45	CLAY	12	18		.8	
2.700	8.86	10.86	5.89	CLAY	11	15		.7	
2.850	9.35	14.06	5.76	CLAY	14	19		.9	
3.000	9.84	15.44	5.44	CLAY	15	20		1.0	
3.150	10.33	16.23	5.48	CLAY	16	21		1.0	
3.300	10.83	20.10	4.83	CLAY	20	25		1.3	
3.450	11.32	15.25	5.11	CLAY	15	19		1.0	
3.600	11.81	19.91	3.92	CLAY to SILTY CLAY	13	16		1.3	
3.750	12.30	40.62	3.03	CLAYEY SILT to SILTY CLAY	20	25		2.7	
3.900	12.80	54.56	2.80	SANDY SILT to CLAYEY SILT	22	26		3.6	
4.050	13.29	39.79	3.44	CLAYEY SILT to SILTY CLAY	20	24		2.6	
4.200	13.78	48.42	2.93	SANDY SILT to CLAYEY SILT	19	23		3.2	
4.350	14.27	53.81	2.75	SANDY SILT to CLAYEY SILT	22	25		3.5	
4.500	14.76	38.43	3.85	CLAYEY SILT to SILTY CLAY	19	22		2.2	
4.650	15.26	49.18	2.77	SANDY SILT to CLAYEY SILT	20	23		3.2	
4.800	15.75	35.14	2.96	CLAYEY SILT to SILTY CLAY	18	20		2.3	
4.950	16.24	13.09	6.19	CLAY	13	15		.8	
5.100	16.73	18.14	7.06	CLAY	18	20		1.1	
5.250	17.22	166.28	2.74	SILTY SAND to SANDY SILT	55	62	85		44.0
5.400	17.72	240.02	2.67	SILTY SAND to SANDY SILT	80	88	95		45.5
5.550	18.21	292.31	2.26	SILTY SAND to SANDY SILT	97	100	100		46.0
5.700	18.70	332.12	1.92	SAND to SILTY SAND	83	90	100		46.5
5.850	19.19	355.79	2.28	SAND to SILTY SAND	89	96	100		46.5
6.000	19.69	405.58	2.04	SAND to SILTY SAND	100	100	100		47.0
6.150	20.18	466.88	1.84	SAND to SILTY SAND	100	100	100		47.5

*INDICATES OVERCONSOLIDATED OR CEMENTED MATERIAL
ASSUMED TOTAL UNIT WT = 120 pcf
ASSUMED DEPTH OF WATER TABLE = 10.0 ft
N(60) = EQUIVALENT SPT VALUE (60% Energy)
N1(60) = OVERBURDEN NORMALIZED EQUIVALENT SPT VALUE (60% Energy)
Dr = OVERBURDEN NORMALIZED EQUIVALENT RELATIVE DENSITY
Su = OVERBURDEN NORMALIZED UNDRAINED SHEAR STRENGTH
PHI = OVERBURDEN NORMALIZED EQUIVALENT FRICTION ANGLE

SOUNDING : CPT-01

DEPTH (m)	DEPTH (ft)	TIP RESISTANCE (tsf)	FRICTION RATIO (%)	SOIL BEHAVIOR TYPE	N(60)	N1(60)	Dr (%)	Su (tsf)	PHI (Degrees)
6.300	20.67	412.00	1.67	SAND to SILTY SAND	100	100	100		47.0
6.450	21.16	472.78	1.51	SAND	95	99	100		47.5
6.600	21.65	444.87	1.64	SAND to SILTY SAND	100	100	100		47.0
6.750	22.15	451.54	2.26	SAND to SILTY SAND	100	100	100		47.0
6.900	22.64	368.15	1.99	SAND to SILTY SAND	92	94	100		46.5
7.050	23.13	360.95	1.78	SAND to SILTY SAND	90	91	100		46.0
7.200	23.62	345.89	1.36	SAND	69	69	100		46.0
7.350	24.11	235.56	.97	SAND	47	47	91		44.5
7.500	24.61	78.35	.75	SAND to SILTY SAND	20	19	60		39.0
7.650	25.10	14.00	2.93	CLAY to SILTY CLAY	9	9		.8	
7.800	25.59	42.45	3.86	CLAYEY SILT to SILTY CLAY	21	21		2.4	
7.950	26.08	27.38	3.54	CLAYEY SILT to SILTY CLAY	14	13		1.7	
8.100	26.57	11.92	3.52	CLAY to SILTY CLAY	8	8		.7	
8.250	27.07	143.13	.84	SAND	29	27	76		42.0
8.400	27.56	173.80	2.74	SILTY SAND to SANDY SILT	58	55	81		42.5
8.550	28.05	317.52	3.69	*SAND to CLAYEY SAND	100	100			
8.700	28.54	608.01	2.02	SAND to SILTY SAND	100	100	100		
8.850	29.04	475.97	2.05	SAND to SILTY SAND	100	100	100		46.5
9.000	29.53	462.05	2.14	SAND to SILTY SAND	100	100	100		46.5
9.150	30.02	429.51	2.00	SAND to SILTY SAND	100	99	100		46.0
9.300	30.51	399.78	2.37	SAND to SILTY SAND	100	92	100		46.0
9.450	31.00	411.38	2.25	SAND to SILTY SAND	100	94	100		46.0
9.600	31.50	399.44	2.44	SILTY SAND to SANDY SILT	100	100	100		46.0
9.750	31.99	399.85	2.10	SAND to SILTY SAND	100	90	100		46.0
9.900	32.48	430.19	2.30	SAND to SILTY SAND	100	96	100		46.0
10.050	32.97	453.68	2.60	*SAND to CLAYEY SAND	100	100			
10.200	33.46	468.15	2.36	*SAND to CLAYEY SAND	100	100			
10.350	33.96	461.80	1.93	SAND to SILTY SAND	100	100	100		46.0
10.500	34.45	495.24	2.22	SAND to SILTY SAND	100	100	100		46.5
10.650	34.94	509.90	2.23	*SAND to CLAYEY SAND	100	100			
10.800	35.43	533.22	1.77	SAND to SILTY SAND	100	100	100		
10.950	35.93	444.53	1.73	SAND to SILTY SAND	100	96	100		46.0
11.100	36.42	492.22	1.84	SAND to SILTY SAND	100	100	100		46.0
11.250	36.91	483.81	1.04	SAND	97	83	100		46.0
11.400	37.40	430.67	.87	SAND	86	73	100		45.5
11.550	37.89	406.22	.79	SAND	81	69	100		45.0
11.700	38.39	443.80	.94	SAND	89	75	100		45.5
11.850	38.88	489.48	.93	SAND	98	82	100		46.0
12.000	39.37	409.05	1.16	SAND	82	68	100		45.0
12.150	39.86	375.48	1.39	SAND	75	62	99		44.5
12.300	40.35	328.08	1.75	SAND to SILTY SAND	82	68	95		44.0
12.450	40.85	418.54	2.00	SAND to SILTY SAND	100	86	100		45.0
12.600	41.34	316.59	2.21	SAND to SILTY SAND	79	65	94		44.0
12.750	41.83	401.46	1.50	SAND	80	65	100		45.0
12.900	42.32	426.60	1.92	SAND to SILTY SAND	100	86	100		45.0
13.050	42.81	457.10	1.38	SAND	91	74	100		45.5
13.200	43.31	477.86	2.12	SAND to SILTY SAND	100	96	100		45.5
13.350	43.80	522.45	1.90	SAND to SILTY SAND	100	100	100		
13.500	44.29	411.45	1.43	SAND	82	65	100		44.5
13.650	44.78	579.03	1.42	SAND	100	92	100		

*INDICATES OVERCONSOLIDATED OR CEMENTED MATERIAL
ASSUMED TOTAL UNIT WT = 120 pcf
ASSUMED DEPTH OF WATER TABLE = 10.0 ft
N(60) = EQUIVALENT SPT VALUE (60% Energy)
N1(60) = OVERBURDEN NORMALIZED EQUIVALENT SPT VALUE (60% Energy)
Dr = OVERBURDEN NORMALIZED EQUIVALENT RELATIVE DENSITY
Su = OVERBURDEN NORMALIZED UNDRAINED SHEAR STRENGTH
PHI = OVERBURDEN NORMALIZED EQUIVALENT FRICTION ANGLE

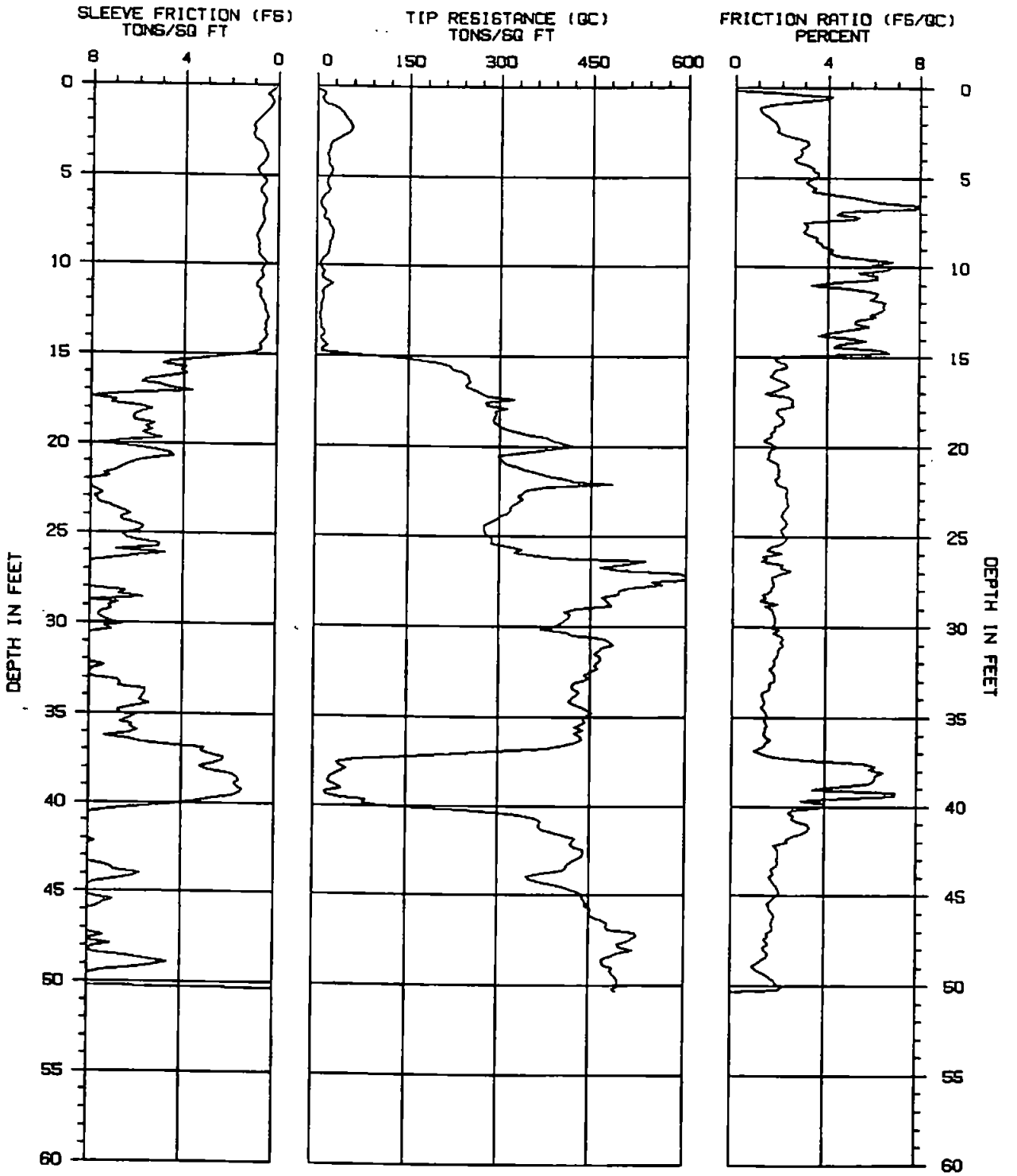
Interpretations based on: Robertson and Campanella, 1989.

SOUNDING : CPT-01

DEPTH (m)	DEPTH (ft)	TIP RESISTANCE (tsf)	FRICTION RATIO (%)	SOIL BEHAVIOR TYPE	N(60)	N1(60)	Dr (%)	Su (tsf)	PHI (Degrees)
13.800	45.28	512.79	1.17	SAND	100	81	100		45.5
13.950	45.77	452.64	1.36	SAND	91	71	100		45.0
14.100	46.26	411.70	1.69	SAND to SILTY SAND	100	80	100		44.5
14.250	46.75	431.01	1.65	SAND to SILTY SAND	100	84	100		44.5
14.400	47.24	481.66	2.31	*SAND to CLAYEY SAND	100	100			
14.550	47.74	414.70	2.07	SAND to SILTY SAND	100	80	100		44.5
14.700	48.23	416.23	2.04	SAND to SILTY SAND	100	80	100		44.5
14.850	48.72	372.06	1.40	SAND	74	57	97		44.0
15.000	49.21	349.54	1.41	SAND	70	53	95		44.0
15.150	49.70	243.66	2.66	SILTY SAND to SANDY SILT	81	62	85		42.0
15.300	50.20	408.30	*****		0	0			.0

*INDICATES OVERCONSOLIDATED OR CEMENTED MATERIAL
ASSUMED TOTAL UNIT WT = 120 pcf
ASSUMED DEPTH OF WATER TABLE = 10.0 ft
N(60) = EQUIVALENT SPT VALUE (60% Energy)
N1(60) = OVERBURDEN NORMALIZED EQUIVALENT SPT VALUE (60% Energy)
Dr = OVERBURDEN NORMALIZED EQUIVALENT RELATIVE DENSITY
Su = OVERBURDEN NORMALIZED UNDRAINED SHEAR STRENGTH
PHI = OVERBURDEN NORMALIZED EQUIVALENT FRICTION ANGLE

Interpretations based on: Robertson and Campanella, 1989.



TIP RESISTANCE NOT CORRECTED FOR END AREA EFFECT

CONE PENETRATION TEST

SOUNDING NUMBER: CPT-02

PROJECT NAME : RIO DEL VALLE GM

PROJECT NUMBER : SS-2132020

CONE/RIG : 468\#1 JH.JB

DATE/TIME: 05-01-97 15:58

HFA

CPT INTERPRETATIONS

SOUNDING : CPT-02
PROJECT : RIO DEL VALLE GM
DATE/TIME: 05-01-97 15:58

PROJECT No.: SS-2132020
CONE/RIG : 468\#1 JH,JB

DEPTH (m)	DEPTH (ft)	TIP RESISTANCE (tsf)	FRICTION RATIO (%)	SOIL BEHAVIOR TYPE	N(60)	N1(60)	Dr (%)	Su (tsf)	PHI (Degrees)
.150	.49	11.90	4.12	CLAY	12	19		.8	
.300	.98	14.26	1.54	CLAYEY SILT to SILTY CLAY	7	11		1.1	
.450	1.48	41.89	1.22	SILTY SAND to SANDY SILT	14	22	51		47.0
.600	1.97	51.52	1.75	SILTY SAND to SANDY SILT	17	27	57		47.0
.750	2.46	55.81	1.77	SILTY SAND to SANDY SILT	19	30	60		46.5
.900	2.95	32.06	3.09	CLAYEY SILT to SILTY CLAY	16	26		2.1	
1.050	3.44	22.01	2.82	CLAYEY SILT to SILTY CLAY	11	18		1.5	
1.200	3.94	18.36	2.56	CLAYEY SILT to SILTY CLAY	9	15		1.2	
1.350	4.43	22.77	3.34	CLAYEY SILT to SILTY CLAY	11	18		1.5	
1.500	4.92	23.07	3.55	CLAY to SILTY CLAY	15	25		1.5	
1.650	5.41	16.89	3.20	CLAY to SILTY CLAY	11	18		1.1	
1.800	5.91	18.74	4.06	CLAY to SILTY CLAY	12	20		1.2	
1.950	6.40	8.05	6.21	CLAY	8	13		.5	
2.100	6.89	14.06	4.62	CLAY	14	22		.9	
2.250	7.38	12.34	5.11	CLAY	12	19		.8	
2.400	7.87	23.26	3.10	CLAYEY SILT to SILTY CLAY	12	17		1.5	
2.550	8.37	26.26	3.50	CLAYEY SILT to SILTY CLAY	13	19		1.7	
2.700	8.86	21.92	3.74	CLAY to SILTY CLAY	15	20		1.4	
2.850	9.35	19.23	4.32	CLAY	19	26		1.2	
3.000	9.84	7.97	5.90	CLAY	8	10		.5	
3.150	10.33	13.28	5.35	CLAY	13	17		.8	
3.300	10.83	16.89	4.38	CLAY	17	21		1.1	
3.450	11.32	13.11	5.80	CLAY	13	16		.8	
3.600	11.81	12.87	5.83	CLAY	13	16		.8	
3.750	12.30	8.54	6.44	CLAY	9	10		.5	
3.900	12.80	6.90	6.09	CLAY	7	8		.4	
4.050	13.29	8.82	5.78	CLAY	9	11		.5	
4.200	13.78	13.28	3.61	CLAY to SILTY CLAY	9	11		.8	
4.350	14.27	13.49	4.60	CLAY	13	16		.8	
4.500	14.76	10.66	6.66	CLAY	11	12		.7	
4.650	15.26	177.33	1.94	SILTY SAND to SANDY SILT	59	68	87		44.5
4.800	15.75	221.63	1.76	SAND to SILTY SAND	55	63	94		45.0
4.950	16.24	247.54	1.89	SAND to SILTY SAND	62	70	97		45.5
5.100	16.73	245.27	2.05	SAND to SILTY SAND	61	69	96		45.5
5.250	17.22	280.58	2.37	SILTY SAND to SANDY SILT	94	100	100		46.0
5.400	17.72	279.71	2.53	SILTY SAND to SANDY SILT	93	100	99		46.0
5.550	18.21	294.26	1.94	SAND to SILTY SAND	74	80	100		46.0
5.700	18.70	292.39	2.09	SAND to SILTY SAND	73	79	100		46.0
5.850	19.19	330.02	1.63	SAND to SILTY SAND	83	89	100		46.5
6.000	19.69	383.98	1.30	SAND	77	82	100		47.0
6.150	20.18	379.41	1.62	SAND to SILTY SAND	95	100	100		46.5

*INDICATES OVERCONSOLIDATED OR CEMENTED MATERIAL
ASSUMED TOTAL UNIT WT = 120 pcf
ASSUMED DEPTH OF WATER TABLE = 10.0 ft
N(60) = EQUIVALENT SPT VALUE (60% Energy)
N1(60) = OVERBURDEN NORMALIZED EQUIVALENT SPT VALUE (60% Energy)
Dr = OVERBURDEN NORMALIZED EQUIVALENT RELATIVE DENSITY
Su = OVERBURDEN NORMALIZED UNDRAINED SHEAR STRENGTH
PHI = OVERBURDEN NORMALIZED EQUIVALENT FRICTION ANGLE

SOUNDING : CPT-02

DEPTH (m)	DEPTH (ft)	TIP RESISTANCE (tsf)	FRICTION RATIO (%)	SOIL BEHAVIOR TYPE	N(60)	N1(60)	Dr (%)	Su (tsf)	PHI (Degrees)
6.300	20.67	299.70	1.48	SAND to SILTY SAND	75	79	100		46.0
6.450	21.16	328.00	1.94	SAND to SILTY SAND	82	85	100		46.0
6.600	21.65	378.37	1.96	SAND to SILTY SAND	95	98	100		46.5
6.750	22.15	482.45	1.88	SAND to SILTY SAND	100	100	100		47.5
6.900	22.64	337.79	2.27	SAND to SILTY SAND	84	86	100		46.0
7.050	23.13	329.29	2.33	SILTY SAND to SANDY SILT	100	100	100		46.0
7.200	23.62	318.61	2.18	SAND to SILTY SAND	80	80	100		46.0
7.350	24.11	295.26	2.25	SILTY SAND to SANDY SILT	98	98	98		45.5
7.500	24.61	274.80	2.07	SAND to SILTY SAND	69	68	96		45.0
7.650	25.10	286.04	2.31	SILTY SAND to SANDY SILT	95	94	97		45.0
7.800	25.59	312.98	1.60	SAND to SILTY SAND	78	76	99		45.5
7.950	26.08	362.18	1.32	SAND	72	70	100		46.0
8.100	26.57	508.20	2.15	SAND to SILTY SAND	100	100	100		47.0
8.250	27.07	592.92	2.07	SAND to SILTY SAND	100	100	100		
8.400	27.56	545.63	1.74	SAND to SILTY SAND	100	100	100		
8.550	28.05	494.30	1.68	SAND to SILTY SAND	100	100	100		47.0
8.700	28.54	474.72	1.21	SAND	95	89	100		46.5
8.850	29.04	427.87	1.68	SAND to SILTY SAND	100	100	100		46.0
9.000	29.53	412.36	1.85	SAND to SILTY SAND	100	96	100		46.0
9.150	30.02	388.16	1.71	SAND to SILTY SAND	97	89	100		46.0
9.300	30.51	420.29	2.09	SAND to SILTY SAND	100	96	100		46.0
9.450	31.00	485.38	2.19	SAND to SILTY SAND	100	100	100		46.5
9.600	31.50	456.89	1.97	SAND to SILTY SAND	100	100	100		46.0
9.750	31.99	461.95	1.85	SAND to SILTY SAND	100	100	100		46.0
9.900	32.48	451.83	1.73	SAND to SILTY SAND	100	100	100		46.0
10.050	32.97	441.83	1.82	SAND to SILTY SAND	100	98	100		46.0
10.200	33.46	420.41	1.61	SAND to SILTY SAND	100	93	100		46.0
10.350	33.96	419.50	1.36	SAND	84	74	100		46.0
10.500	34.45	433.18	1.25	SAND	87	76	100		46.0
10.650	34.94	443.19	1.52	SAND	89	77	100		46.0
10.800	35.43	432.65	1.53	SAND	87	75	100		46.0
10.950	35.93	424.15	1.39	SAND	85	73	100		45.5
11.100	36.42	428.10	1.46	SAND	86	73	100		45.5
11.250	36.91	323.24	.94	SAND	65	55	96		44.5
11.400	37.40	67.73	3.19	SANDY SILT to CLAYEY SILT	27	23		3.9	
11.550	37.89	53.79	5.91	CLAY	54	45		3.0	
11.700	38.39	28.83	6.17	CLAY	29	24		1.6	
11.850	38.88	38.75	4.46	CLAY to SILTY CLAY	26	22		2.1	
12.000	39.37	21.86	7.00	CLAY	22	18		1.1	
12.150	39.86	80.69	3.99	CLAYEY SILT to SILTY CLAY	40	33		4.6	
12.300	40.35	289.76	2.43	SILTY SAND to SANDY SILT	97	80	92		43.5
12.450	40.85	370.19	2.88	*SAND to CLAYEY SAND	100	100			
12.600	41.34	370.96	3.31	*SAND to CLAYEY SAND	100	100			
12.750	41.83	425.94	2.36	SAND to SILTY SAND	100	86	100		45.0
12.900	42.32	422.81	1.90	SAND to SILTY SAND	100	85	100		45.0
13.050	42.81	437.45	2.00	SAND to SILTY SAND	100	88	100		45.0
13.200	43.31	413.53	1.95	SAND to SILTY SAND	100	83	100		45.0
13.350	43.80	371.89	1.84	SAND to SILTY SAND	93	74	98		44.5
13.500	44.29	371.68	1.85	SAND to SILTY SAND	93	74	98		44.5
13.650	44.78	428.98	2.09	SAND to SILTY SAND	100	85	100		45.0

*INDICATES OVERCONSOLIDATED OR CEMENTED MATERIAL
ASSUMED TOTAL UNIT WT = 120 pcf
ASSUMED DEPTH OF WATER TABLE = 10.0 ft
N(60) = EQUIVALENT SPT VALUE (60% Energy)
N1(60) = OVERBURDEN NORMALIZED EQUIVALENT SPT VALUE (60% Energy)
Dr = OVERBURDEN NORMALIZED EQUIVALENT RELATIVE DENSITY
Su = OVERBURDEN NORMALIZED UNDRAINED SHEAR STRENGTH
PHI = OVERBURDEN NORMALIZED EQUIVALENT FRICTION ANGLE

Interpretations based on: Robertson and Campanella, 1989.

SOUNDING : CPT-02

DEPTH (m)	DEPTH (ft)	TIP RESISTANCE (tsf)	FRICTION RATIO (%)	SOIL BEHAVIOR TYPE	N(60)	N1(60)	Dr (%)	Su (tsf)	PHI (Degrees)
13.800	45.28	440.89	1.77	SAND to SILTY SAND	100	87	100		45.0
13.950	45.77	452.24	1.67	SAND to SILTY SAND	100	89	100		45.0
14.100	46.26	459.27	1.82	SAND to SILTY SAND	100	90	100		45.0
14.250	46.75	478.22	1.80	SAND to SILTY SAND	100	93	100		45.0
14.400	47.24	526.11	1.63	SAND to SILTY SAND	100	100	100		
14.550	47.74	495.88	1.63	SAND to SILTY SAND	100	95	100		45.5
14.700	48.23	495.83	1.61	SAND to SILTY SAND	100	95	100		45.5
14.850	48.72	470.91	1.16	SAND	94	72	100		45.0
15.000	49.21	484.04	1.23	SAND	97	74	100		45.0
15.150	49.70	495.83	1.87	SAND to SILTY SAND	100	94	100		45.0
15.300	50.20	487.70	2.06	SAND to SILTY SAND	100	92	100		45.0

*INDICATES OVERCONSOLIDATED OR CEMENTED MATERIAL
ASSUMED TOTAL UNIT WT = 120 pcf
ASSUMED DEPTH OF WATER TABLE = 10.0 ft
N(60) = EQUIVALENT SPT VALUE (60% Energy)
N1(60) = OVERBURDEN NORMALIZED EQUIVALENT SPT VALUE (60% Energy)
Dr = OVERBURDEN NORMALIZED EQUIVALENT RELATIVE DENSITY
Su = OVERBURDEN NORMALIZED UNDRAINED SHEAR STRENGTH
PHI = OVERBURDEN NORMALIZED EQUIVALENT FRICTION ANGLE

APPENDIX B

LABORATORY TESTING

APPENDIX B

LABORATORY TESTING

As part of the NV5 (2107) study, tests were conducted in our laboratory on representative soil samples for the purpose of classification and evaluation of their physical properties and engineering characteristics. The amount and selection of tests were based on the geotechnical parameters required for this project. Test results are presented on the Boring Logs in Appendix A - Field Exploration and herein in Appendix B. The following is a summary of the various laboratory tests conducted for this project.

Moisture Content and Dry Density - Results of these tests performed on relatively undisturbed ring samples were used to aid in the classification and to provide quantitative measure of the in situ dry density. Data obtained from this test provides qualitative information on strength and compressibility characteristics of the site soils. For test results, see the Logs of Borings in Appendix B, Field Exploration and on the attached Reports of Moisture & Density Tests of Driven Ring Samples.

Grain Size Testing- Grain size analyses were performed on representative samples to assist in soil classification and evaluation per ASTM Standard D422. The test results are presented on the attached Reports of Sieve Analysis Test.

Atterberg Limits – Atterberg Limits tests were conducted on representative clayey/silty soil samples. Results of Atterberg Limits test are summarized below and presented on the attached report.

Table No. B-1. Atterberg Limits

SOURCE / LOCATION	DEPTH (ft)	TEST RESULT			Soil Classification	
		LL	PL	PI	USCS	Soil Description
B-1	10	33	27	6	ML	SILT
B-2	15	43	25	18	CL	Lean CLAY

Expansion Index Test

Expansion index testing was performed on a bulk soil sample from B-2 at 0.5-2.5 feet in accordance with ASTM D 4829. The sample was surcharged under 144-pounds per square foot at moisture content of near 50% saturation. The sample was then submerged in water for 24 hours and the amount of expansion was recorded with a dial indicator.

Corrosion Testing

Soil corrosion potential was evaluated by measuring pH, resistivity, soluble sulfate content, and soluble chloride content. These tests were subcontracted to Capco Analytical Services.

Direct Shear Tests – Two (2) direct shear tests (ASTM D3080) were performed on relatively undisturbed representative samples at saturated moisture conditions. For each test, three samples were

placed, one at a time, directly into the test apparatus and subjected to a range of normal loads appropriate for the anticipated conditions. The samples were then sheared at a constant strain rate of 0.05 inch/minute. Shear deformation was recorded until a maximum of about 0.25-inch shear displacement was achieved. Ultimate strength was selected from the shear-stress deformation data and plotted to determine the shear strength parameters. The shear test results are used to evaluate bearing capacity and lateral earth pressures. Test data are summarized below:

Table No. C-2, Direct Shear Test Results

Boring No.	Depth (feet)	Test Conditions	Soil Classification	Ultimate Strength Parameters			
				Peak Friction (degrees)	Peak Cohesion (psf)	Ultimate Friction (degrees)	Ultimate Cohesion (psf)
B-1	10	Native, Saturated	Sandy SILT (ML)	29	400	29	250
B-2	15	Native, Saturated	Sandy SILT (ML)	28	420	28	280

Consolidation Tests – Two (2) one dimensional consolidation tests (ASTM D2435) were performed on relatively undisturbed representative alluvial samples. These test results were used to predict the settlement of the foundations founded in engineered fill over the alluvium.

Table No. C-3, Consolidation Test Results

Boring No.	Depth (feet)	Description	Compression Ratio (max)
B-1	5.0	Silty SAND (SM)	3.6
B-2	7.5	Silty SAND (SM)	5.2

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April 17, 2017

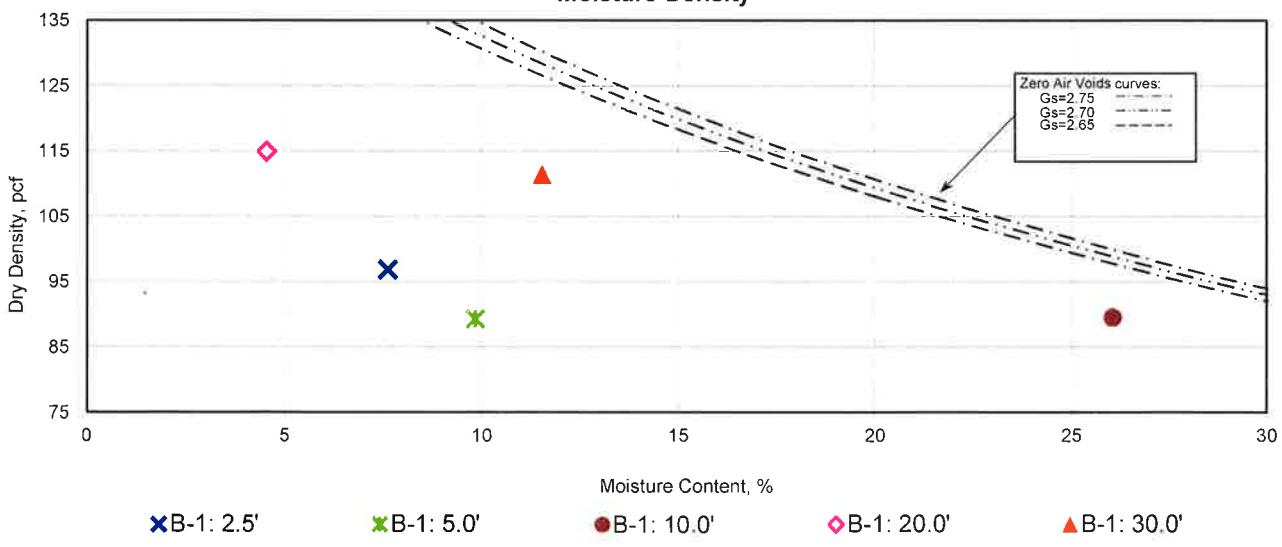
Project:	RSD - Rio Del Valle M.S - Proposed Kit	NV5 JOB No:	17-002094
Client:	Rio School District c/o Balfour Beatty C	LAB No:	86262
		Date Tested:	04/12/17
		Tested By:	PFH

Report of Moisture & Density Tests of Driven Ring Samples

ASTM D2937

Sample ID	B-1	B-1	B-1	B-1	B-1		
Depth	2.5'	5.0'	10.0'	20.0'	30.0'		
Description	Yellowish Brown Silty Fine Sand (SM)	Yellowish Brown Silty Fine Sand (SM)	Dark Yell. Brown Fine Sandy Silt (ML)	Yellowish Brown Poorly Graded Sand (SP)	Yellowish Brown Well Graded Sand (SW)		
S.G. [G_S - actual]							
S.G. [G_S - assumed]							
Percent Moisture (%)	7.6	9.8	26.1	4.5	11.5		
Wet Density (pcf)	104.2	98.0	112.9	120.1	124.2		
Dry Density (pcf)	96.8	89.3	89.6	114.9	111.4		

Moisture-Density



Reviewed By: _____

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April 17, 2017

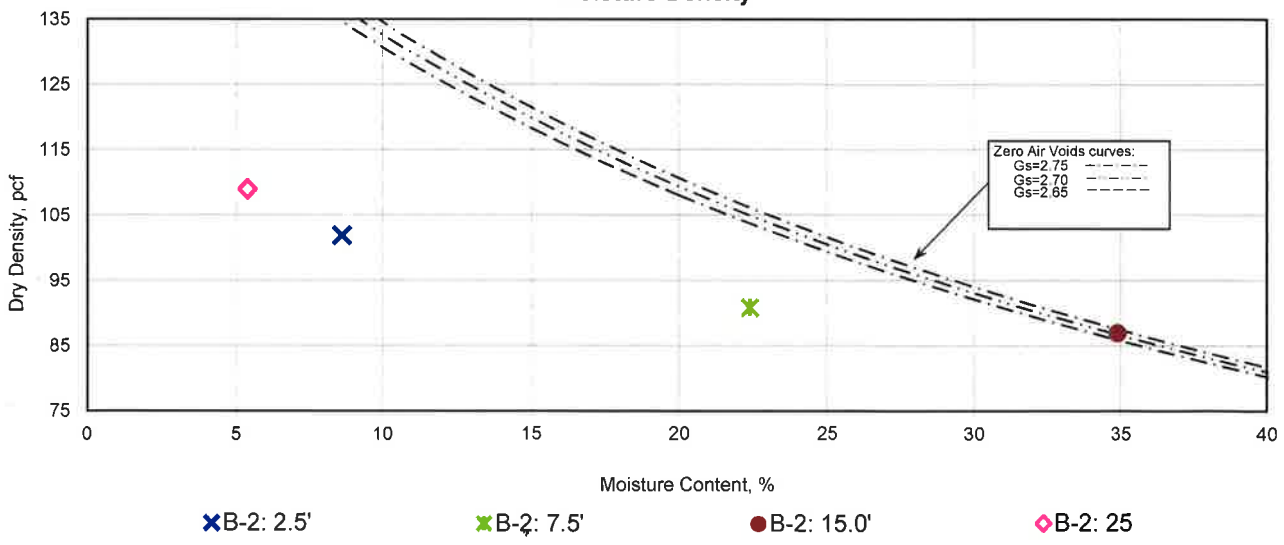
Project:	RSD - Rio Del Valle M.S - Proposed Kitchen Im	NV5 JOB No:	17-002094
Client:	Rio School District c/o Balfour Beatty C	LAB No:	86262
		Date Tested:	04/12/17
		Tested By:	PFH

Report of Moisture & Density Tests of Driven Ring Samples

ASTM D2937

Sample ID	B-2	B-2	B-2	B-2			
Depth	2.5'	7.5'	15.0'	25.0			
Description	Yellowish Brown Silty Fine Sand (SM)	Yellowish Brown Silty Fine Sand (SM) to Sandy SILT (ML)	Yell.Brown Fine Sandy Silt to Lean Clay (CL-ML)	Yellowish Brown Well Graded Sand (SW)			
S.G. [G_S - actual]							
S.G. [G_S - assumed]							
Percent Moisture (%)	8.6	22.4	34.9	5.4			
Wet Density (pcf)	110.7	111.2	117.3	114.9			
Dry Density (pcf)	102.0	90.8	87.0	109.1			

Moisture-Density



Reviewed By: _____

NV5 WEST, INC.
1868 Palma Drive, Suite A, Ventura, CA 93003; 805.656.6074
2015 Westwind Dr. #10, Bakersfield, CA 93301; 661.325.2699

Rio School District c/o Balfour Beatty Construction
2500 E. Vineyard Ave., #100
Oxnard, CA 93036

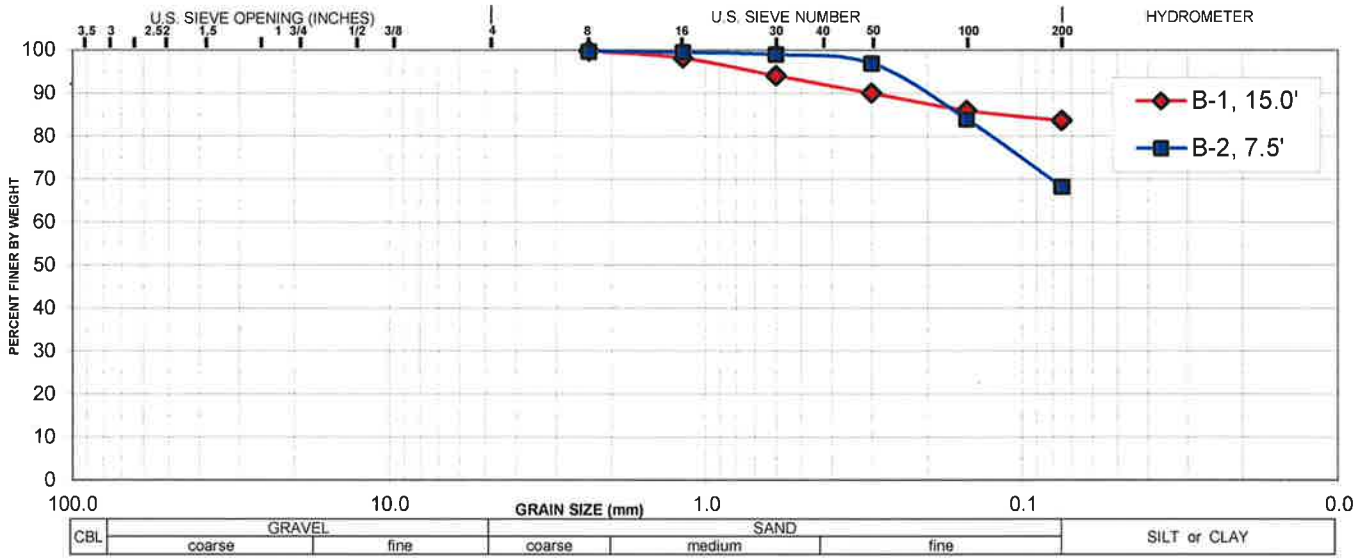
April 17, 2017
NV5 Project No: **17-002094**
NV5 Lab #: 86262
DSA/OSHPD #:

Project: RSD - Rio Del Valle M.S - Proposed Kitchen Improvements

REPORT OF SIEVE ANALYSIS TEST

CTM 202 - Caltrans

SAMPLE ID:	**B-1, 15.0'**	**B-2, 7.5'**
Description	Silt/Clay	Silt/Clay
Material		
Sample Location	B-1, 15.0'	B-2, 7.5'
Date Sampled	4/10/17	4/10/17
Sampled By	LT	LT
Date Tested	4/12/17	4/12/17
Tested By	PFH	PFH



Sample ID:		**B-1, 15.0'**	**B-2, 7.5'**
U.S. Sieve	mm	% Passing	
2 1/2"	63.0		
2"	50.0		
1 1/2"	37.5		
1"	25.0		
3/4"	19.0		
1/2"	12.5		
3/8"	9.50		
#4	4.75		
#8	2.36	100	100
#16	1.18	98	99
#30	0.600	94	99
#50	0.300	90	97
#100	0.150	86	84
#200	0.075	83.6	68.2
Fineness Modulus		2.12	2.15
Coef. of Curvature (C_C)		0.5	0.4
Coef. of Uniformity (C_U)		52.4	128.3
% Gravel		0	0
% Sand		16	32
% Fines		83.6	68.2
USCS Class:		**Silt/Clay**	**Silt/Clay**

Comments:

PROJECT SPECIFICATIONS

Operating Range Min.	Operating Range Max.	Contract Compliance Min.	Contract Compliance Max.

Notes
N.R.: Not Recorded; N/A: Not Available.
*Result is **SHADED** if outside Contract Compliance*
*Result is **BOLD** if outside Operating Range.*

Reviewed By:

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NV5 WEST, INC.
1868 Palma Drive, Suite A, Ventura, California 93003
Telephone: (805) 656-6074 ; Fax: (805) 650-6264

Rio School District c/o Balfour Beatty Construction
2500 E. Vineyard Ave., #100
Oxnard, CA 93036

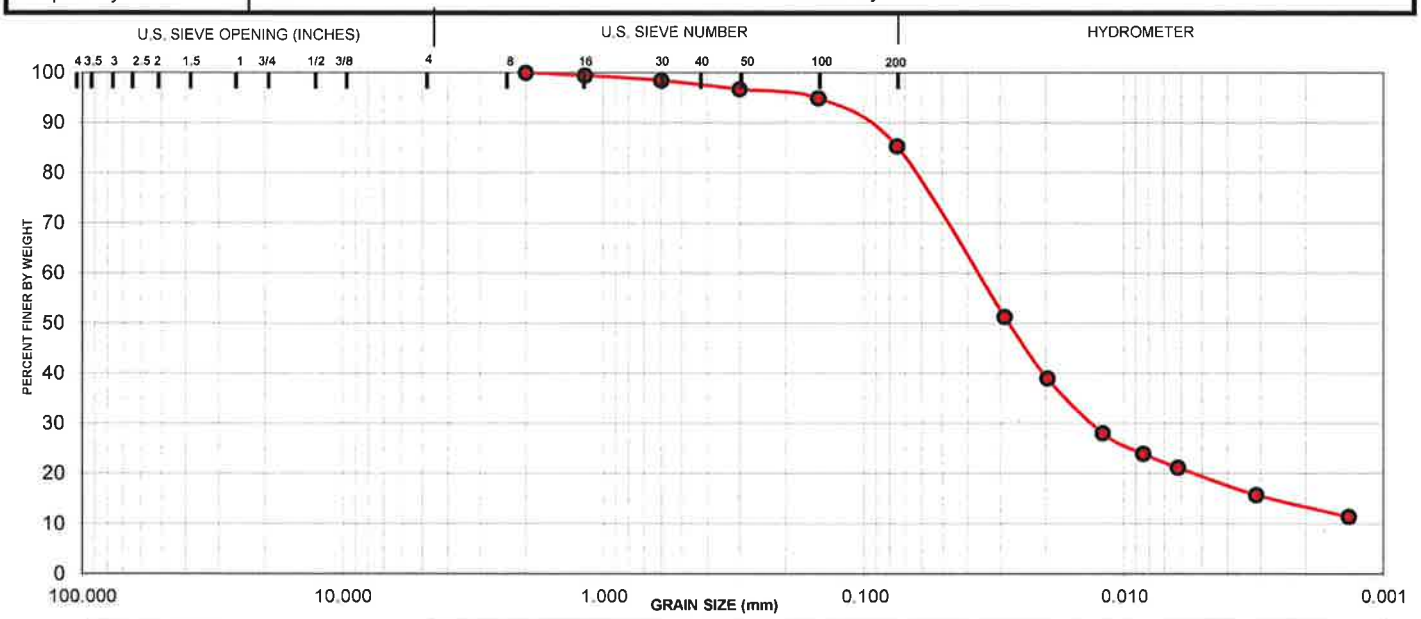
April 17, 2017
NV5 JOB No: **17-002094**
LAB No: **86262**

Project: **RSD - Rio Del Valle M.S - Proposed Kitchen Improvements**

REPORT OF SIEVE & HYDROMETER ANALYSIS TEST

ASTM D422 - Soil

Sample ID	B-1, 10.0'		
Material Description	Brown Fine Sandy Silt (ML)		
Sample Location	B-1, 10.0'		
Date Sampled	04/10/17	Date Tested	04/12/17
Sampled By	LT	Tested By	PFH



CBL	GRAVEL		SAND			SILT or CLAY
	coarse	fine	coarse	medium	fine	

Sample ID:	B-1, 10.0'
Sieve Size	% Passing
63.0 mm (2 1/2")	
50.0 mm (2")	
37.5 mm (1 1/2")	
25.0 mm (1")	
19.0 mm (3/4")	
12.5 mm (1/2")	
9.5 mm (3/8")	
4.75 mm (#4)	
2.36 mm (#8)	
2.00 mm (#10)	100
1.18 mm (#16)	99
.600 mm (#30)	98
.300 mm (#50)	97
.150 mm (#100)	95
.075 mm (#200)	85.4
.0289 mm	51.3
.0197 mm	39.0
.0121 mm	28.0
.0084 mm	23.9
.0062 mm	21.2
.0031 mm	15.7
.0014 mm	11.4

U. S. Sieves / Hydrometer

Fineness Modulus	0.1
Shape (sand & gravel)	N.R.
Hardness (sand & gravel)	N.R.
Specific Gravity	N.R.
Coef. of Curvature (C_C)	0.5
Coef. of Uniformity (C_U)	48.3

% GRAVEL	% Coarse	0	0
	% Fine		0
% SAND	% Coarse	14	0
	% Medium		0
	% Fine		14
% SILT		67	
% CLAY		18	
USCS Class:		ML	

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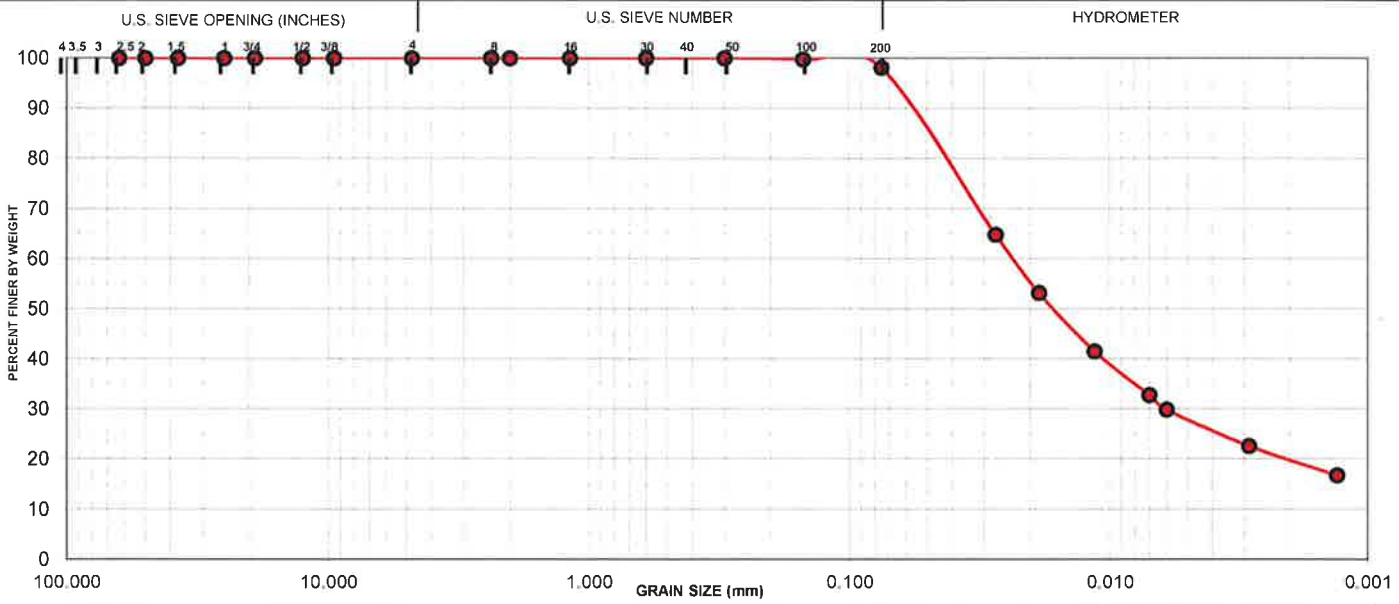
April 17, 2017
NV5 JOB No: **17-002094**
LAB No: **86262**

Project: **RSD - Rio Del Valle M.S - Proposed Kitchen Improvements**

REPORT OF SIEVE & HYDROMETER ANALYSIS TEST

ASTM D422 - Soil

Sample ID	B-1, 12.5'		
Material Description	Sl Reddish Brown Silt (ML)		
Sample Location	B-1, 12.5'		
Date Sampled	04/10/17	Date Tested	04/12/17
Sampled By	LT	Tested By	PFH



Sample ID:	B-1, 12.5'
Sieve Size	% Passing
63.0 mm (2 1/2")	
50.0 mm (2")	
37.5 mm (1 1/2")	
25.0 mm (1")	
19.0 mm (3/4")	
12.5 mm (1/2")	
9.5 mm (3/8")	
4.75 mm (#4)	
2.36 mm (#8)	
2.00 mm (#10)	
1.18 mm (#16)	
.600 mm (#30)	
.300 mm (#50)	
.150 mm (#100)	100
.075 mm (#200)	98.1
.0271 mm	64.8
.0185 mm	53.1
.0114 mm	41.5
.0070 mm	32.7
.0060 mm	29.8
.0029 mm	22.5
.0013 mm	16.7

U. S. Sieves / Hydrometer

Fineness Modulus	0.0
Shape (sand & gravel)	N.R.
Hardness (sand & gravel)	N.R.
Specific Gravity	N.R.
Coef. of Curvature (C_C)	0.5
Coef. of Uniformity (C_U)	29.2

% GRAVEL	% Coarse	0	0
	% Fine		0
% SAND	% Coarse	2	0
	% Medium		0
	% Fine		2
% SILT		71	
% CLAY		27	
USCS Class:		ML	

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Oxnard, CA 93036

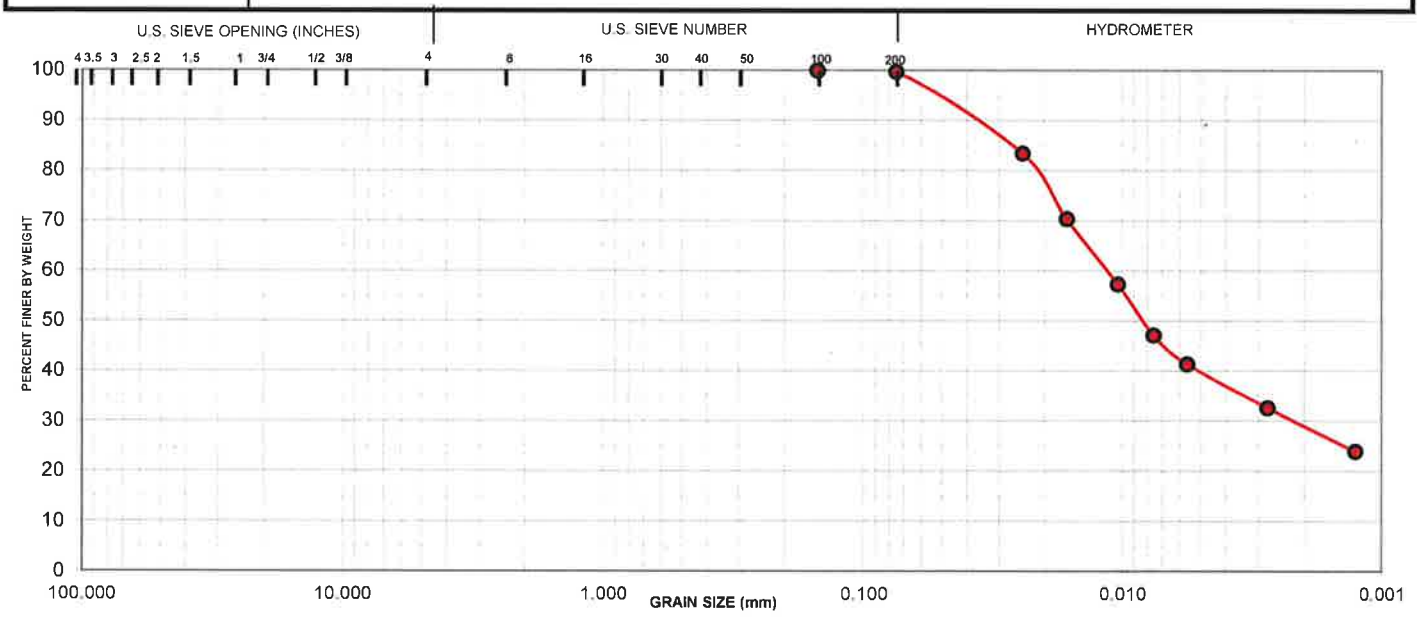
April 17, 2017
NV5 JOB No: **17-002094**
LAB No: **86262**

Project: **RSD - Rio Del Valle M.S - Proposed Kitchen Improvements**

REPORT OF SIEVE & HYDROMETER ANALYSIS TEST

ASTM D422 - Soil

Sample ID	B-2, 15.0'		
Material Description	Brown Silt (ML)		
Sample Location	B-2, 15.0'		
Date Sampled	04/10/17	Date Tested	01/00/00
Sampled By	LT	Tested By	PFH



Sample ID:	B-2, 15.0'
Sieve Size	% Passing
63.0 mm (2 1/2")	
50.0 mm (2")	
37.5 mm (1 1/2")	
25.0 mm (1")	
19.0 mm (3/4")	
12.5 mm (1/2")	
9.5 mm (3/8")	
4.75 mm (#4)	
2.36 mm (#8)	
2.00 mm (#10)	
1.18 mm (#16)	
.600 mm (#30)	
.300 mm (#50)	
.150 mm (#100)	100
.075 mm (#200)	99.7
.0243 mm	83.4
.0164 mm	70.4
.0104 mm	57.3
.0076 mm	47.1
.0056 mm	41.3
.0028 mm	32.6
.0013 mm	23.9

U. S. Sieves / Hydrometer

Fineness Modulus	0.0
Shape (sand & gravel)	N.R.
Hardness (sand & gravel)	N.R.
Specific Gravity	N.R.
Coef. of Curvature (C_C)	0.5
Coef. of Uniformity (C_U)	27.7

% GRAVEL	% Coarse	0	0
	% Fine		0
% SAND	% Coarse	0	0
	% Medium		0
	% Fine		0
% SILT		61	
% CLAY		39	
USCS Class:		ML	

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April 17, 2017

NV5 JOB No: 17-002094
LAB No: 86262

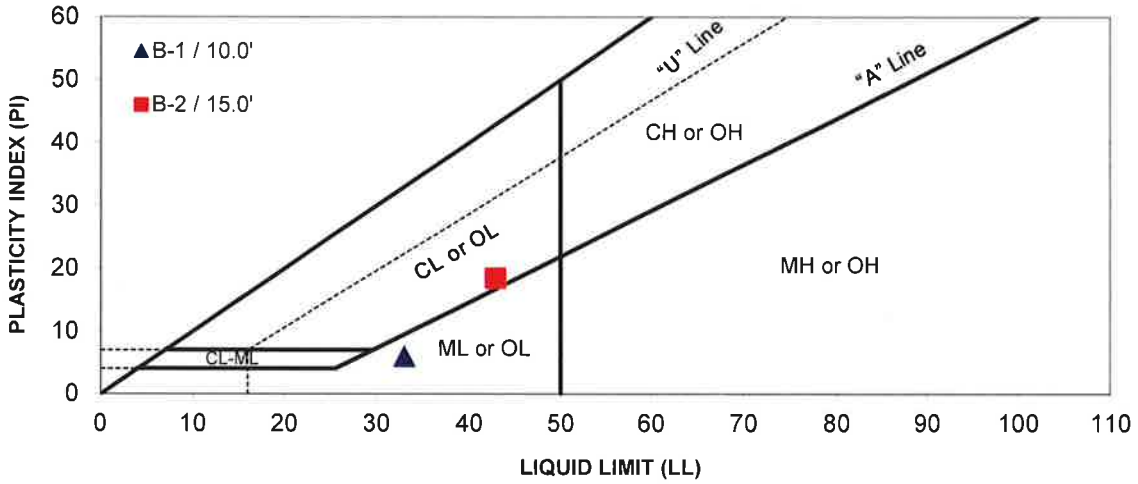
Rio School District c/o Balfour Beatty Construction
2500 E. Vineyard Ave., #100
Oxnard, CA 93036

DSA/OSHPD No: -
File No: -

REPORT OF LIQUID LIMIT, PLASTIC LIMIT & PLASTICITY INDEX TESTS

(ASTM 4318)

Project:	RSD - Rio Del Valle M.S - Proposed Kitchen Improvements	Sampled By:	LT
Site Address:	3100 North Rose Ave., Oxnard CA 93036	Date Received:	4/10/2017



SUMMARY OF TEST RESULTS

SAMPLE ID	SOURCE / LOCATION	DEPTH/ ELEV.	%>#40	TEST RESULT			USCS	
				LL	PL	PI	Class	Group Name
B-1 / 10.0'		10.0'		**33**	**27**	**6**	ML	SILT
B-2 / 15.0'		15.0'		**43**	**25**	**18**	CL	lean CLAY

Reviewed By: _____

NV5 WEST, INC.
1868 Palma Drive, Suite A, Ventura, CA
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April 17, 2017

File No: -
DSA/OSHPD No: -

Rio School District c/o Balfour Beatty Construction
2500 E. Vineyard Ave., #100
Oxnard, CA 93036

NV5 JOB No: **17-002094**
LAB No: 86262
W.O. No: -
Bldg. Permit No: -

Attention: Kristen Pifko

Project: RSD - Rio Del Valle M.S - Proposed Kitchen Improvements
Govt. Contract No: -
Material: Dark Brown Silty Sand (SM)
Source: Boring #2, 0.2-2.5'
Date Sampled: 04/10/17
Sampled By: LT

EXPANSION INDEX OF SOILS

(ASTM D4829)

Expansion Index		Potential	Measured Expansion Index
From	To		
	20	Very Low	0
21	50	Low	
51	90	Medium	
91	130	High	
130	130 +	Very High	

Saturation at test: **48.9**
Moisture at Test Time : **9.6**
Moisture, Post Test :

Reviewed By: _____

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Telephone: (805) 656-6074; Fax: (805) 650-6264

May 5, 2017

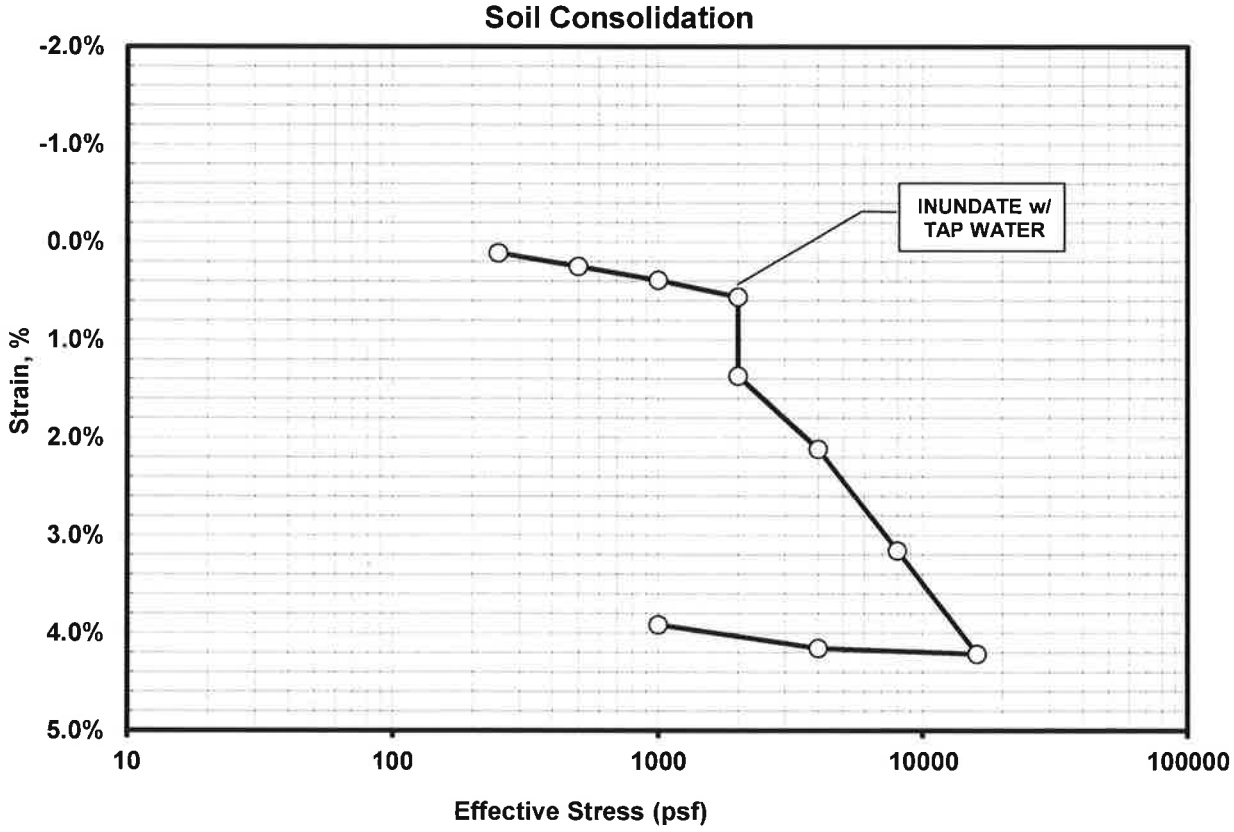
NV5 JOB No: 17-002094
LAB No: 86262

Rio School District

REPORT OF CONSOLIDATION TEST

(ASTM D2435)

Project: RSD - Rio Del Valley M.S - Proposed Kitchen Improvements
Site Address: 3100 North Rose Ave., Oxnard CA 93036
Sampled By: LT
Date Received: 4/10/2017



SUMMARY OF TEST RESULTS

BORING ID	SAMPLE ID	SOIL DESCRIPTION	DEPTH/ ELEV. (ft)	Moisture Condition (%)		Dry Density (pcf)		Void Ratio		Degree of Saturation (%)	
				Initial	Final	Initial	Final	Initial	Final	Initial	Final
B-1	B-1 @ 5.0'	Silty Sand	5	**9.8**	**20.6**	**89**	**94**				

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Telephone: (805) 656-6074; Fax: (805) 650-6264

May 5, 2017

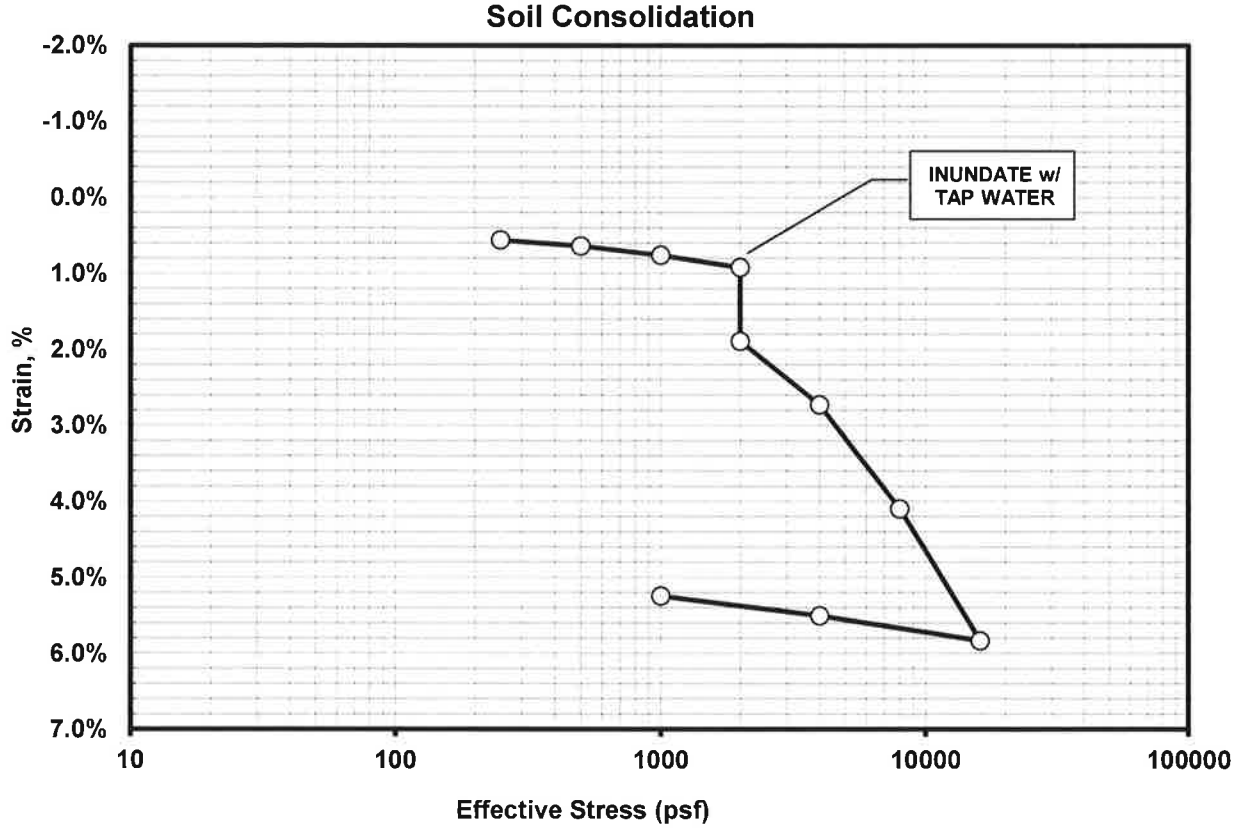
NV5 JOB No: 17-002094
LAB No: 86262

Rio School District

REPORT OF CONSOLIDATION TEST

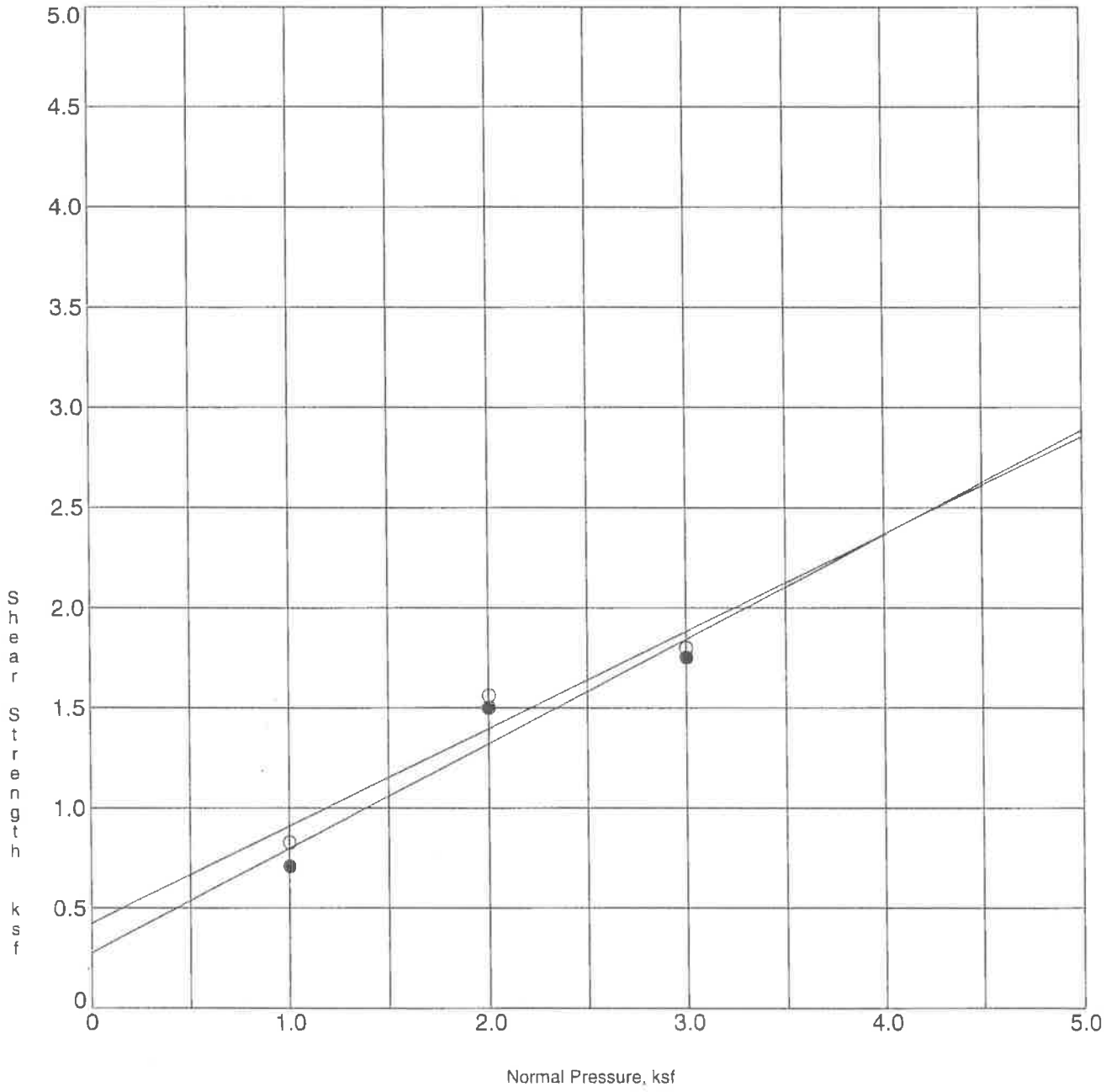
(ASTM D2435)

Project: RSD - Rio Del Valley M.S - Proposed Kitchen Improvements
Sampled By: LT
Site Address: 3100 North Rose Ave., Oxnard CA 93036
Date Received: 4/10/2017



SUMMARY OF TEST RESULTS

BORING ID	SAMPLE ID	SOIL DESCRIPTION	DEPTH/ ELEV. (ft)	Moisture Condition (%)		Dry Density (pcf)		Void Ratio		Degree of Saturation (%)	
				Initial	Final	Initial	Final	Initial	Final	Initial	Final
B-2	B-2 @ 7.5'	Silty Sand	7.5	**22.4**	**15.6**	**90**	**100**				



○ - Peak Shear ● - Ultimate Shear △ - Residual Shear

	Specimen Identification		Classification	DD	MC%	c, ksf	phi
○	B-2	15.0	Light Brown Silty CLAY	86.3	37.3	0.42	26
●	B-2	15.0	(UNDISTURBED)	86.3	37.2	0.28	28

Project NV5 West - 1868 Palma Drive, Suite A, Ventura Ca

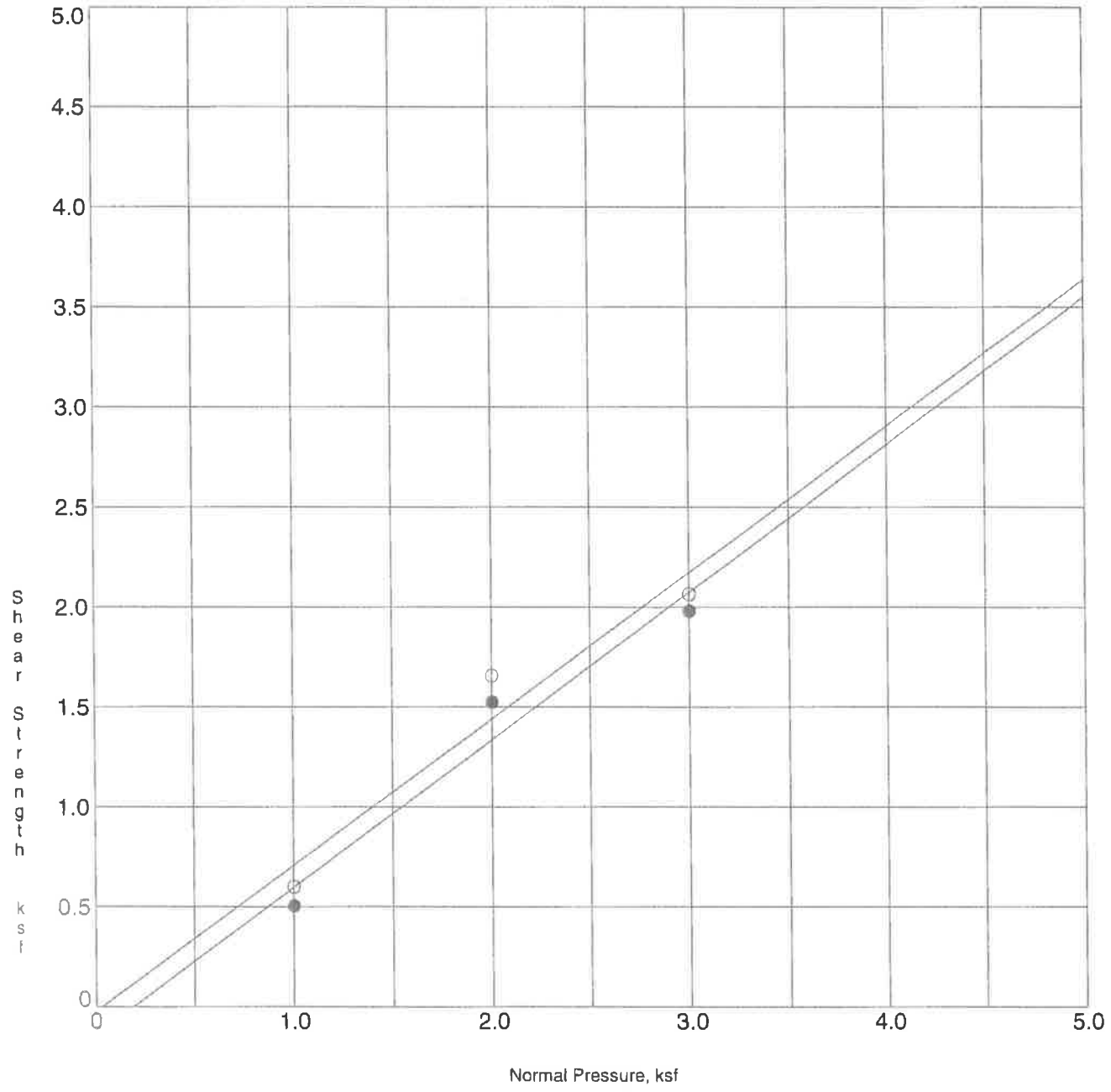
Client No. 17-2094

Date 5/11/17

Shear Test Diagram

Advanced Geotechnical Services, Inc.

Plate B- 2



○ - Peak Shear ● - Ultimate Shear △ - Residual Shear

	Specimen Identification		Classification	DD	MC%	c, ksf	phi
○	B-1	10.0	Light Brown Silty CLAY	85.3	33.0	0.00	36
●	B-1	10.0	(UNDISTURBED)	85.3	34.6	0.00	34

Project NV5 West - 1868 Palma Drive, Suite A, Ventura Ca

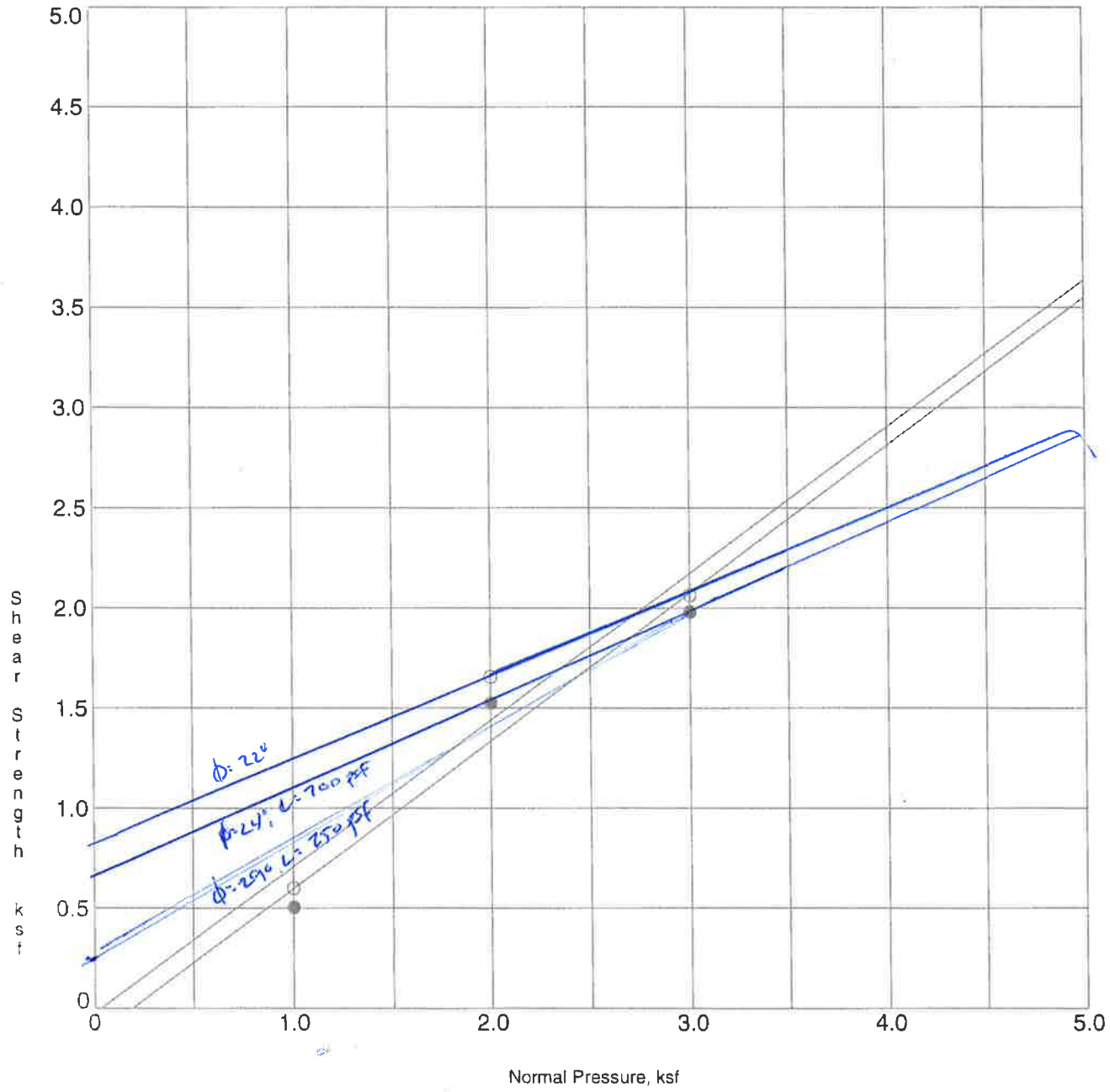
Client No. 17-2094

Date 5/11/17

Shear Test Diagram

Advanced Geotechnical Services, Inc.

Plate B- 1



○ - Peak Shear ● - Ultimate Shear △ - Residual Shear

	Specimen Identification		Classification	DD	MC%	c, ksf	phi
○	B-1	10.0	Light Brown Silty CLAY	85.3	33.0	0.00	36
●	B-1	10.0	(UNDISTURBED)	85.3	34.6	0.00	34

Project NV5 West - 1868 Palma Drive, Suite A, Ventura Ca

Client No. 17-2094

Date 5/11/17

Shear Test Diagram

Advanced Geotechnical Services, Inc.

Plate B- 1

CAPCO
Analytical Services, Inc.

Environmental and Analytical Services-Since 1994
California State Accredited Laboratory in Accordance with ELAP Certificate # 2332

Prepared for: NV5 West, Inc.
1868 Palma Dr., Suite A
Ventura, CA 93003
Attn: Shaun Simon

Report Date: April 26, 2017
Laboratory Number: 170815
Project Name: Rio School District/Rio Del Valle Junior High School
Project No: 17-2094
Sampled by: Client

Enclosed are the analysis results for samples received April 19, 2017 with the Chain of Custody document. The sample was received in good condition, at 15°C, and it was identified and assigned the laboratory ID number listed below:

SAMPLE DESCRIPTION	CAS LAB NUMBER ID
B1@0.5ft-2.5ft	170815-01

By my signature below, I certify that the results contained in this laboratory report comply with applicable standards for certification by the California Department of Public Health's Environmental Laboratories Accreditation Program (ELAP), both technically and for completeness, and that, based on my inquiry of the person or persons directly responsible for performing the analyses, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Lance Lewy-Laboratory Director

If you have any further questions or concerns, please contact me at your convenience. This report consists of 2 pages excluding the cover letter and the Chain of Custody.

This report shall not be reproduced except in full without the written approval of CAS. The test results reported represent only the item being tested and may not represent the entire material from which the sample was taken.

CERTIFICATE OF ANALYSIS

Client: NV5 West, Inc.
CAS LAB NO: 170815-01
Sample ID: B1@0.5ft-2.5ft
Analyst: GP

Date Sampled: 04/10/17
Date Received: 04/19/17
Sample Matrix: Soil

WET CHEMISTRY ANALYSIS SUMMARY

COMPOUND	RESULTS	UNITS	DF	PQL	METHOD	ANALYZED
pH (Corrosivity)	8.5	S.U.	1	---	9045	04/21/17
Resistivity*	8900	Ohms-cm	1	---	SM 120.1M	04/23/17
Chloride	4.2	mg/Kg	1	0.6	300.0M	04/23/17
Sulfate	50	mg/Kg	1	0.6	300.0M	04/23/17

*Sample was extracted using a 1:3 ratio of soil and DI water.
DF: Dilution Factor
BQL: Below Quantitation Limit

Quality Control Report

Client:	NV5 WEST, INC.	Date Sampled:	04/10/17
Sample ID:	B1@0.5FT-2.5FT	Date Received:	04/19/17
CAS LAB NO:	**170815**	Date Analyzed:	04/23/17
Sample Matrix:	SOIL	Analyst:	GP

Sample Name	Qualifier	Sample Result	QC Result	Unit	Spike Level	%REC	Control Limits
Chloride (by EPA 300)							
Method Blank			**BQL**	mg/L			
Lab Control Sample			**29.48**	mg/L	30	98	90-110
170815-01 Matrix Spike		**1.41**	**30.77**	mg/L	30	98	80-120
170815-01 Matrix Spike Duplicate		**1.41**	**30.90**	mg/L	30	98	80-120
Sulfate (by EPA 300)							
Method Blank			**BQL**	mg/L			
Lab Control Sample			**29.19**	mg/L	30	97	90-110
170815-01 Matrix Spike		**16.67**	**45.51**	mg/L	30	96	80-120
170815-01 Matrix Spike Duplicate		**16.67**	**45.90**	mg/L	30	97	80-120

*ALL QC SAMPLES ARE PREPARED IN LIQUID PHASE
mg/L:Milligrams/Liter(ppm)
%Rec:Percent Recovered
BQL:Below Practical Quantitation Limit

CAPCO ANALYTICAL SERVICES

1536 Eastman Avenue, Suite B
Ventura, CA 93003
(805) 644-1095 Fax 644-9947
www.capcoenv.com

CHAIN OF CUSTODY RECORD

REPORT
Fax
Company NV5 WEST, INC.
Address 1868 PALMA DR. SUITE A
VENTURA, CA Email SHAUN.SIMON@NV5.COM
Phone (805) 656-6074 Contact SHAUN SIMON

BILL TO: SAME
Company
Address
Phone Contact

P.O.#

PROJ. NO: 17-2094
PROJECT NAME: RIO SCHOOL DISTRICT / RIO DEL VALLE JUNIOR HIGH - KITCHEN

SAMPLERS: (Signature)

CONTAINER TYPES
A = AMBER B = BRASS G = GLASS
P = PLASTIC V = VOA VIAL O = OTHER

4/26
170815
4/27

SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	COMP	GRAB	SAMPLE IDENTIFICATION	MATRIX: WATER	SOIL	SLUDGE	OTHER	CONTAINER #/TYPE	ANALYSIS: RESISTIVITY	PH	SOLUBLE SULFATES	SOLUBLE CHLORIDES	REMARKS
B1 @ 0.5'	4/10/17			X	B1 @ 0.5 FT - 2.5 FT		X				X	X	X	X	

The undersigned hereby acknowledges having received a copy of the Fee Schedule/General Information and Conditions, the provisions of which are a part of this agreement.

Relinquished by: (Signature)	Date/Time	Received by: (Signature)
	4/19/17 13:00	
Relinquished by: (Signature)	Date/Time	Received by: (Signature)

TURN AROUND TIME
STANDARD ☒ OTHER
24 HOURS ☐
48 HOURS ☐
72 HOURS ☐

CHECK ONE BOX:
DISPOSE SAMPLES ☐
RETURN SAMPLES ☐

WHITE COPY CANARY COPY PINK COPY

APPENDIX B (cont.)

LABORATORY TESTING – BY OTHERS

TEST RESULTS

BORING AND DEPTH	2 @ 0-3'	2 @ 3-6'	2 @ 40'	3 @ 40'
SOIL TYPE	A1	A2	A3	A3
USCS	SM	SM	SW	SM
MAXIMUM DENSITY (pcf)	117.5	117.9	--	--
OPTIMUM MOISTURE (%)	8.0	8.0	--	--
COHESION (psf)	170	--	--	--
ANGLE.OF INT. FRICTION (°)	30°	--	--	--
EXPANSION INDEX	0	--	--	--

* Gravel-corrected maximum density

GRAIN SIZE DISTRIBUTION (%)				
GRAVEL	--	--	19	29
SAND	--	--	78	46
SILT	--	--	3	19
CLAY	--	--	0	16

DESCRIPTIONS:

A1: Yellow-brown to grayish-orange slightly clayey silty fine to medium sand (SM)

A2: Dark yellow-orange and grayish-orange to yellow-brown clayey silty fine to medium sand (SM)

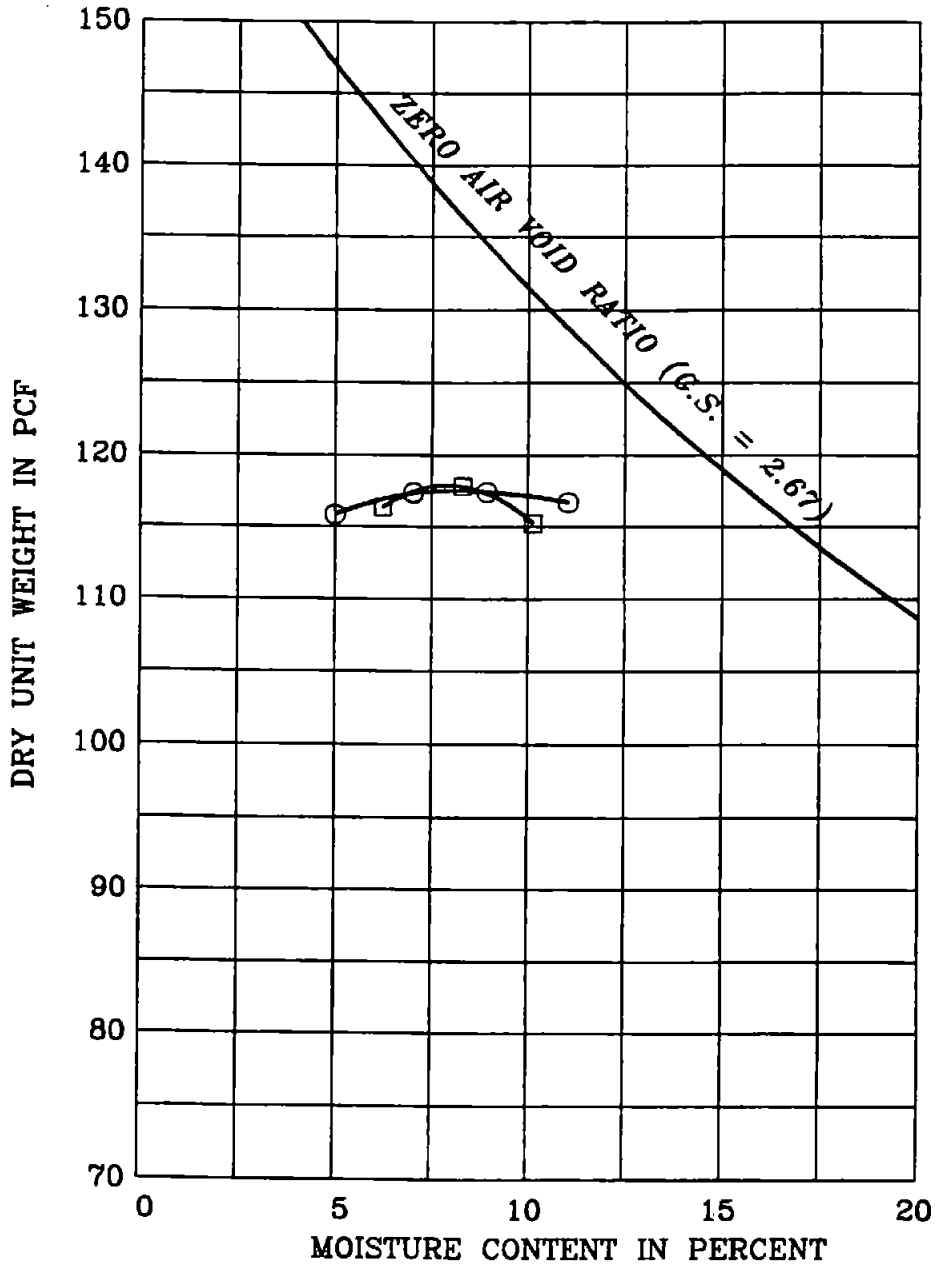
A3: Pale gray to pale yellow-brown slightly silty fine to coarse sand, occasional gravel (SW)

A4: Pale gray slightly silty fine to medium sand, trace gravel (SP)

B1: Yellow-brown to dark yellow-orange fine sandy clayey silt (ML)

IN-PLACE DENSITIES

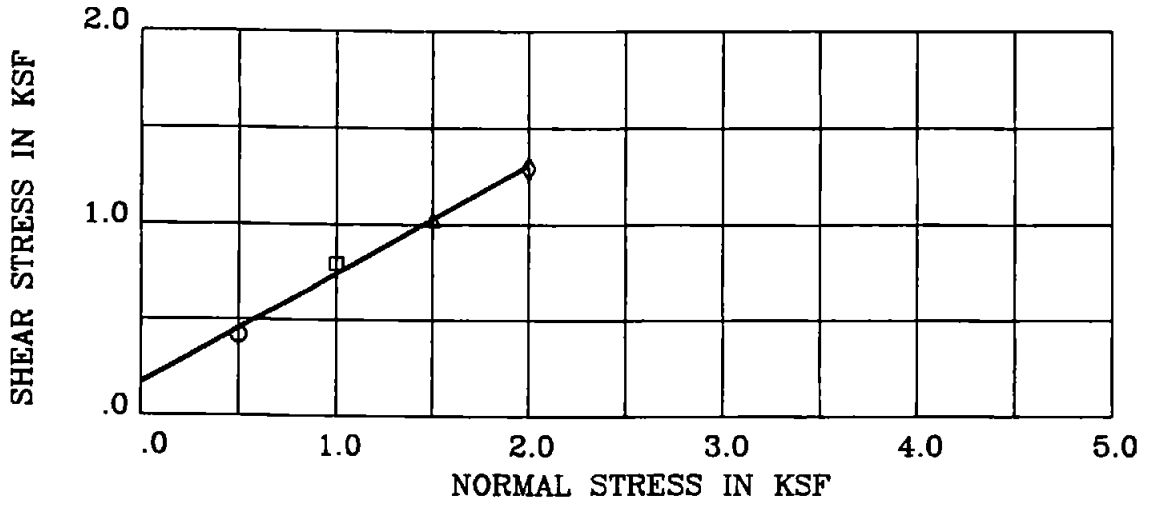
BORING & DEPTH	DRY DENSITY (pcf)	% MOISTURE	RELATIVE COMPACTION (%)
1 @ 1'	103.1	7.6	88
3'	94.9	11.2	80
5'	90.2	7.6	77
10'	89.4	28.5	--
15'	92.2	26.4	--
40'	103.7	16.0	--
2 @ 1'	96.9	2.0	82
3'	94.9	11.2	77
5'	--	12.7	--
10'	90.7	28.5	--
40'	108.3	15.5	--
3 @ 1'	96.3	8.0	82
3'	92.9	9.4	79
5'	84.1	29.2	--
10'	85.9	32.8	--
40'	--	12.0	--
4 @ 1'	95.6	7.5	81
3'	90.8	5.5	77
5'	91.7	13.1	78
10'	84.8	33.5	--

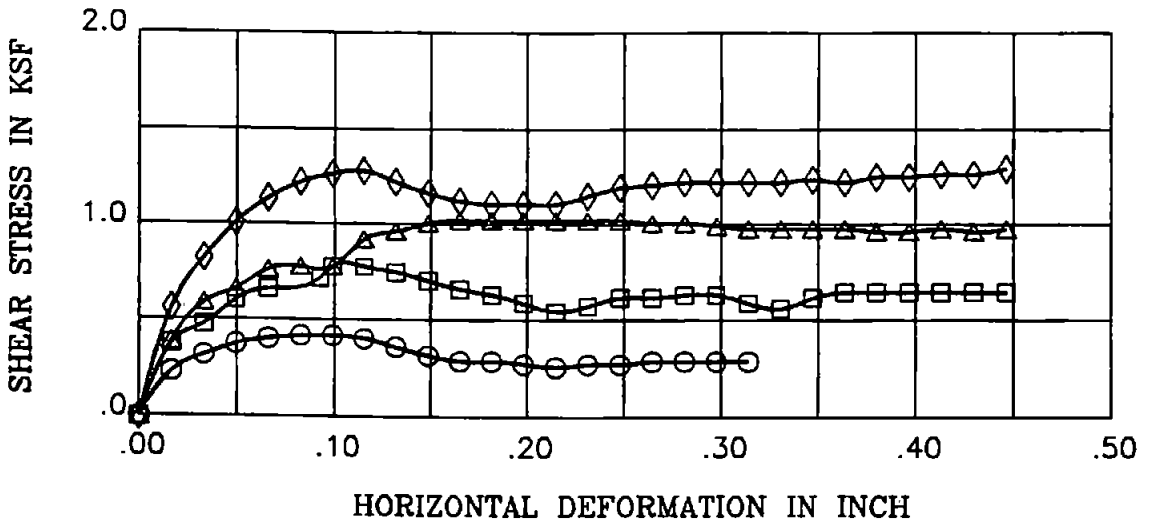


SYMBOL	SAMPLE LOCATION	DEPTH (ft)	DESCRIPTION	TEST METHOD	OPTIMUM MOISTURE (%)	MAXIMUM DRY DENSITY (pcf)
○	2	0 – 3		ASTM 1557 A	8.0	117.5
□	2	3 – 6		ASTM 1557 A	8.0	117.9

Remark :

SS-21320-V1	Rio del Valle Gymnasium
EARTH SYSTEMS CONSULTANTS	COMPACTION TEST





BORING/SAMPLE : 2 DEPTH (ft) : 0 – 3

DESCRIPTION :

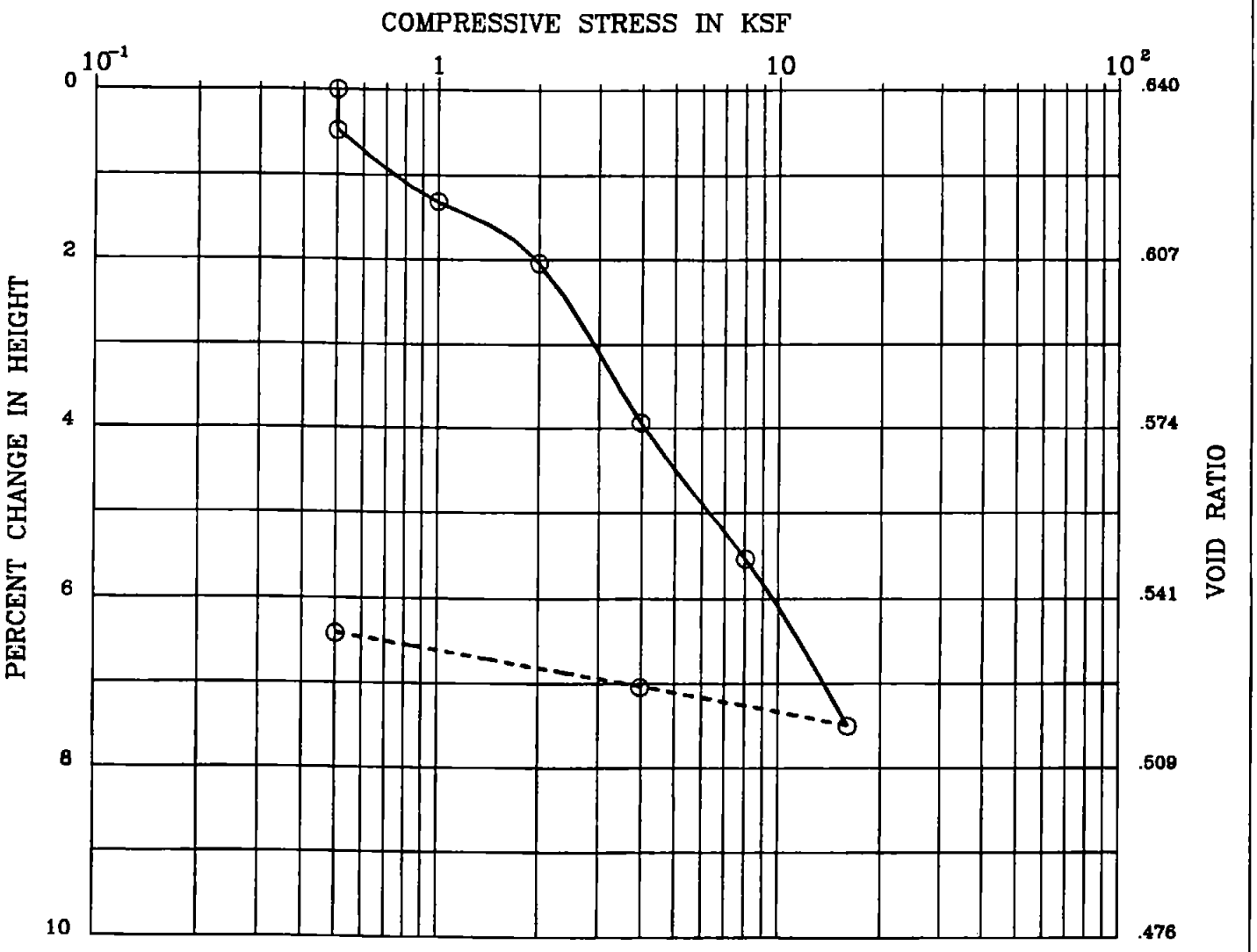
STRENGTH INTERCEPT (C) : .169 KSF

FRICTION ANGLE (PHI) : 29.7 DEG (PEAK STRENGTH)

SYMBOL	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	VOID RATIO	NORMAL STRESS (ksf)	PEAK SHEAR (ksf)	RESIDUAL SHEAR (ksf)
○	19.7	105.5	.581	.50	.42	.26
□	16.2	105.5	.581	1.00	.80	.55
△	20.3	105.5	.581	1.50	1.02	.96
◇	17.6	105.5	.581	2.00	1.29	1.29

Remark :

SS-21320-V1	Rio del Valle Gymnasium
EARTH SYSTEMS CONSULTANTS	DIRECT SHEAR TEST

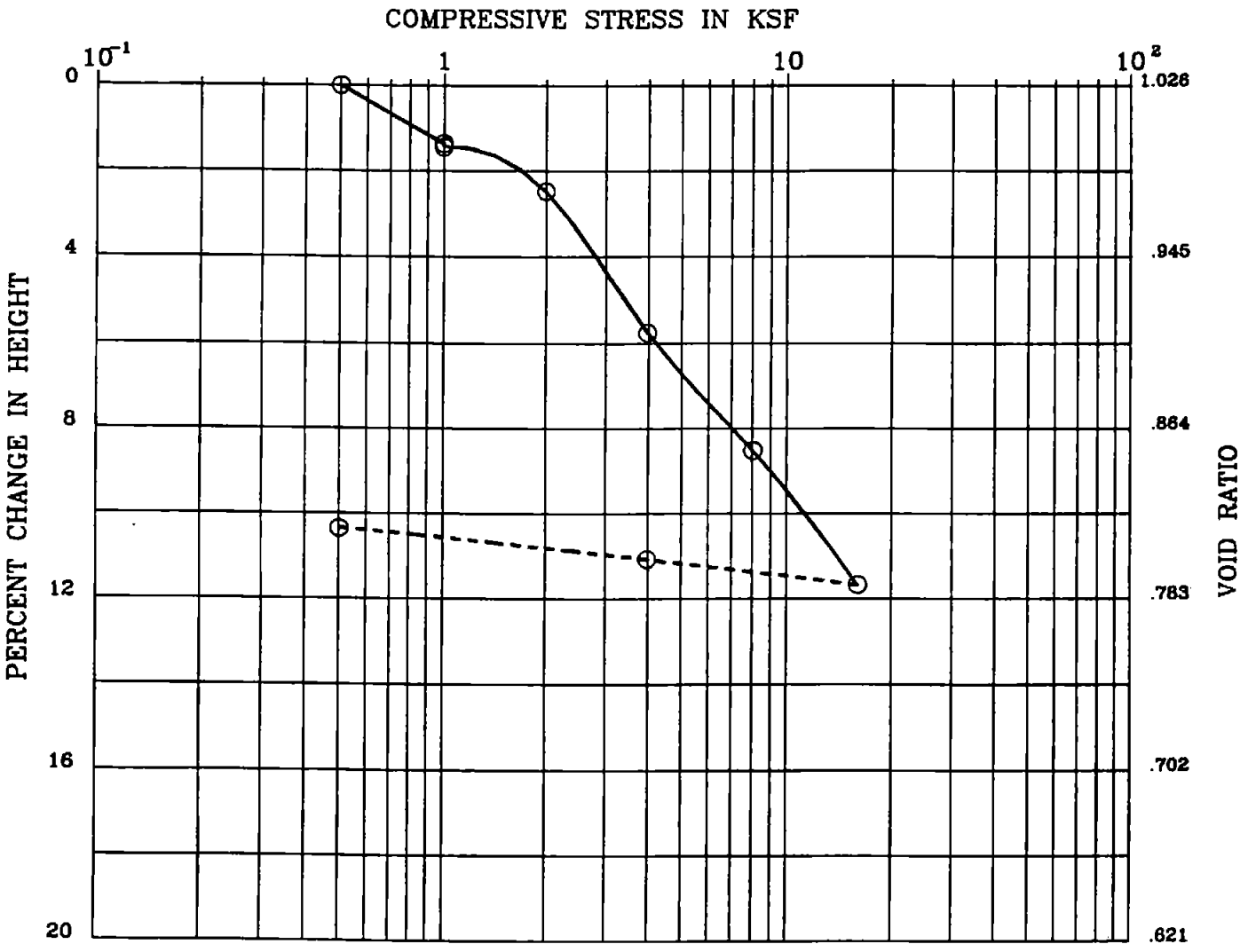


BORING	: 1	DESCRIPTION	:
DEPTH (ft)	: 3	LIQUID LIMIT	:
SPEC. GRAVITY	: 2.49	PLASTIC LIMIT	:

	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	PERCENT SATURATION	VOID RATIO
INITIAL	9.2	94.8	36	.640
FINAL	20.7	102.5	100	.517

Remark :

SS-21320-V1	Rio del Valle Gymnasium
EARTH SYSTEMS CONSULTANTS	CONSOLIDATION TEST

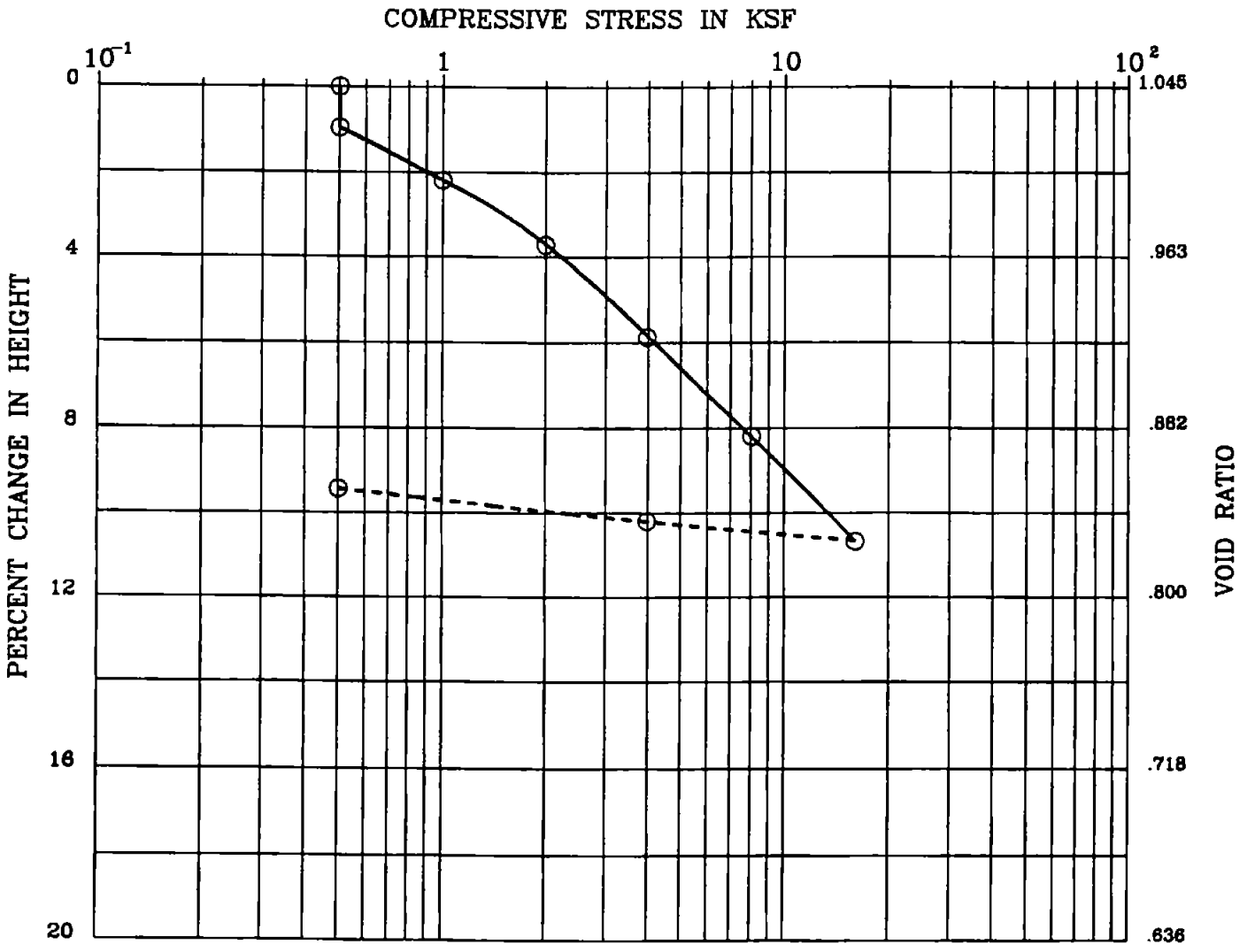


BORING	: 1	DESCRIPTION	:
DEPTH (ft)	: 10	LIQUID LIMIT	:
SPEC. GRAVITY	: 2.86	PLASTIC LIMIT	:

	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	PERCENT SATURATION	VOID RATIO
INITIAL	32.3	88.0	90	1.026
FINAL	27.6	99.7	100	.789

Remark :

SS-21320-V1	Rio del Valle Gymnasium
EARTH SYSTEMS CONSULTANTS	CONSOLIDATION TEST

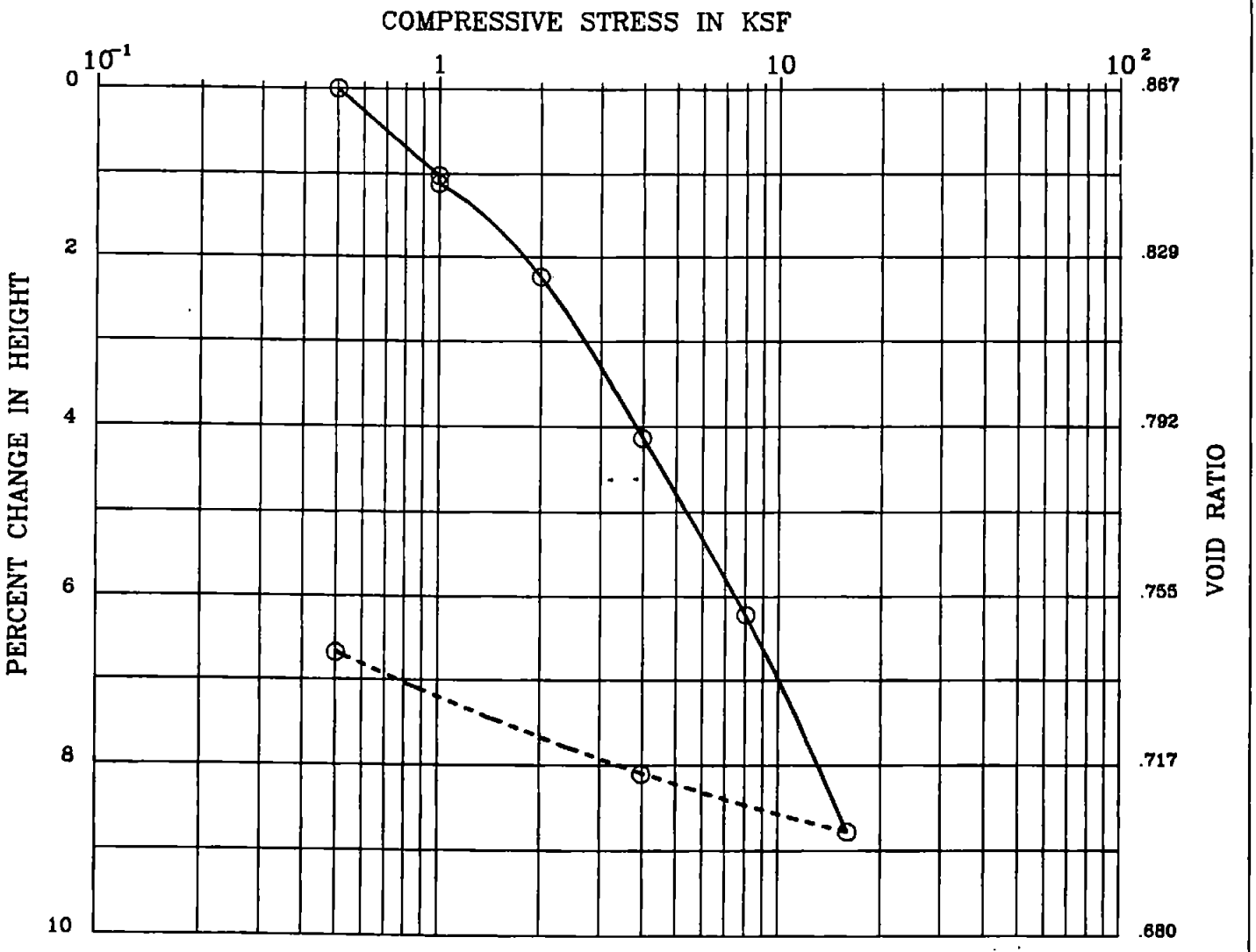


BORING	: 2	DESCRIPTION	:
DEPTH (ft)	: 5	LIQUID LIMIT	:
SPEC. GRAVITY	: 2.84	PLASTIC LIMIT	:

	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	PERCENT SATURATION	VOID RATIO
INITIAL	25.9	86.6	70	1.045
FINAL	29.1	97.0	100	.826

Remark :

SS-21320-V1	Rio del Valle Gymnasium
EARTH SYSTEMS CONSULTANTS	CONSOLIDATION TEST

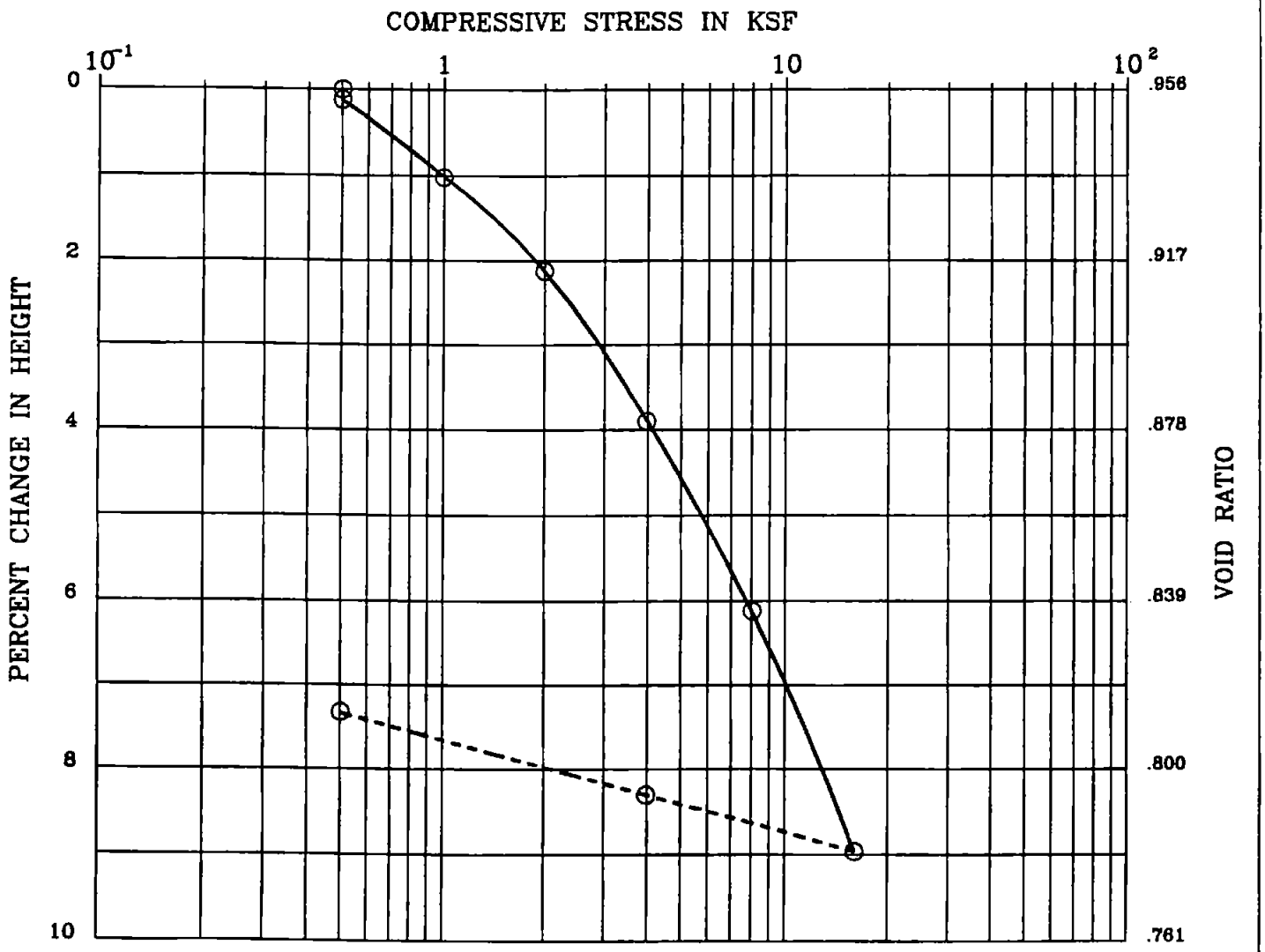


BORING	: 2	DESCRIPTION	:
DEPTH (ft)	: 10	LIQUID LIMIT	:
SPEC. GRAVITY	: 2.80	PLASTIC LIMIT	:

	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	PERCENT SATURATION	VOID RATIO
INITIAL	27.8	93.8	90	.867
FINAL	25.0	102.8	100	.702

Remark :

SS-21320-V1	Rio del Valle Gymnasium
EARTH SYSTEMS CONSULTANTS	CONSOLIDATION TEST

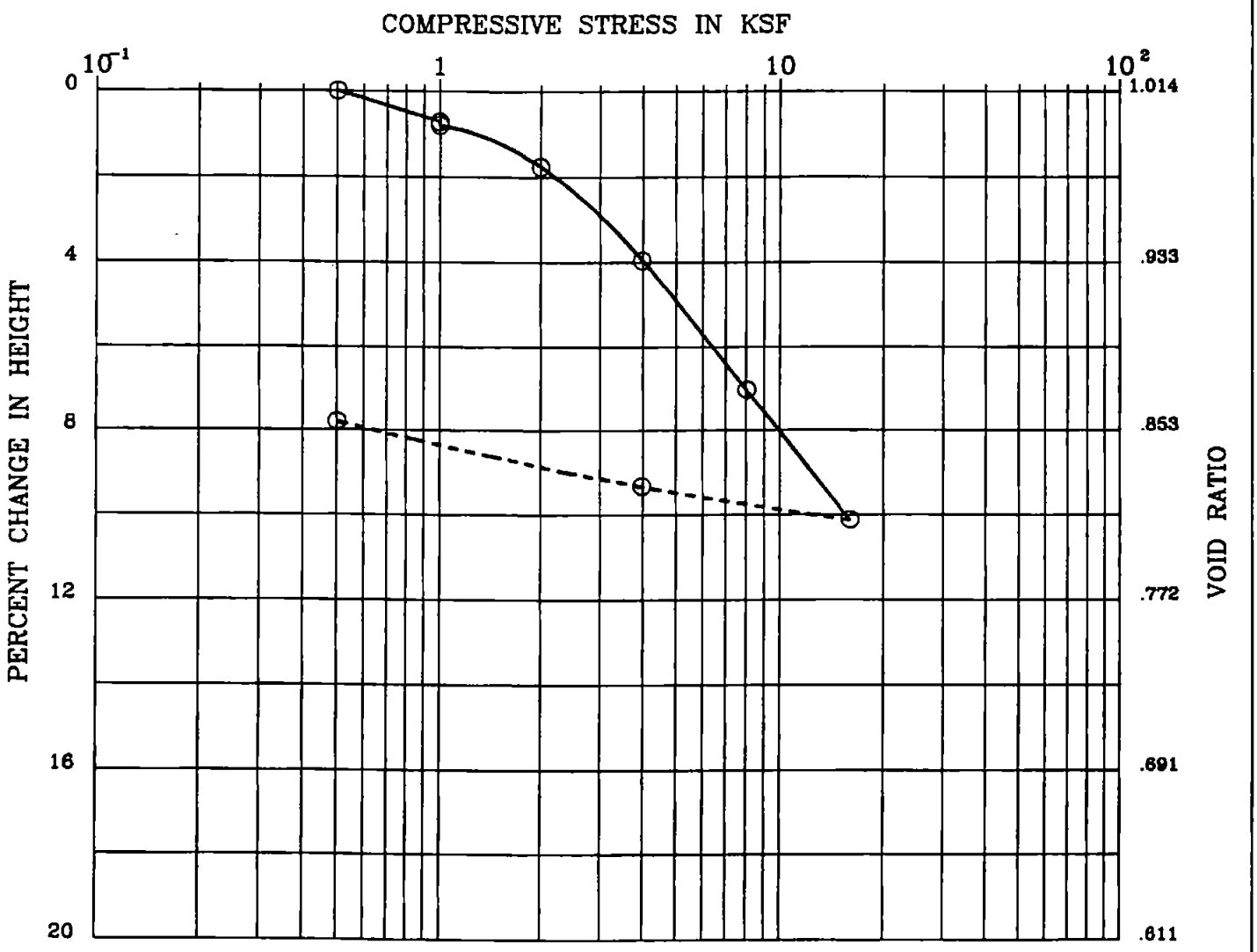


BORING	: 3	DESCRIPTION	:
DEPTH (ft)	: 5	LIQUID LIMIT	:
SPEC. GRAVITY	: 2.68	PLASTIC LIMIT	:

	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	PERCENT SATURATION	VOID RATIO
INITIAL	21.6	85.7	61	.956
FINAL	29.0	94.2	100	.780

Remark :

SS-21320-V1	Rio del Valle Gymnasium
EARTH SYSTEMS CONSULTANTS	CONSOLIDATION TEST

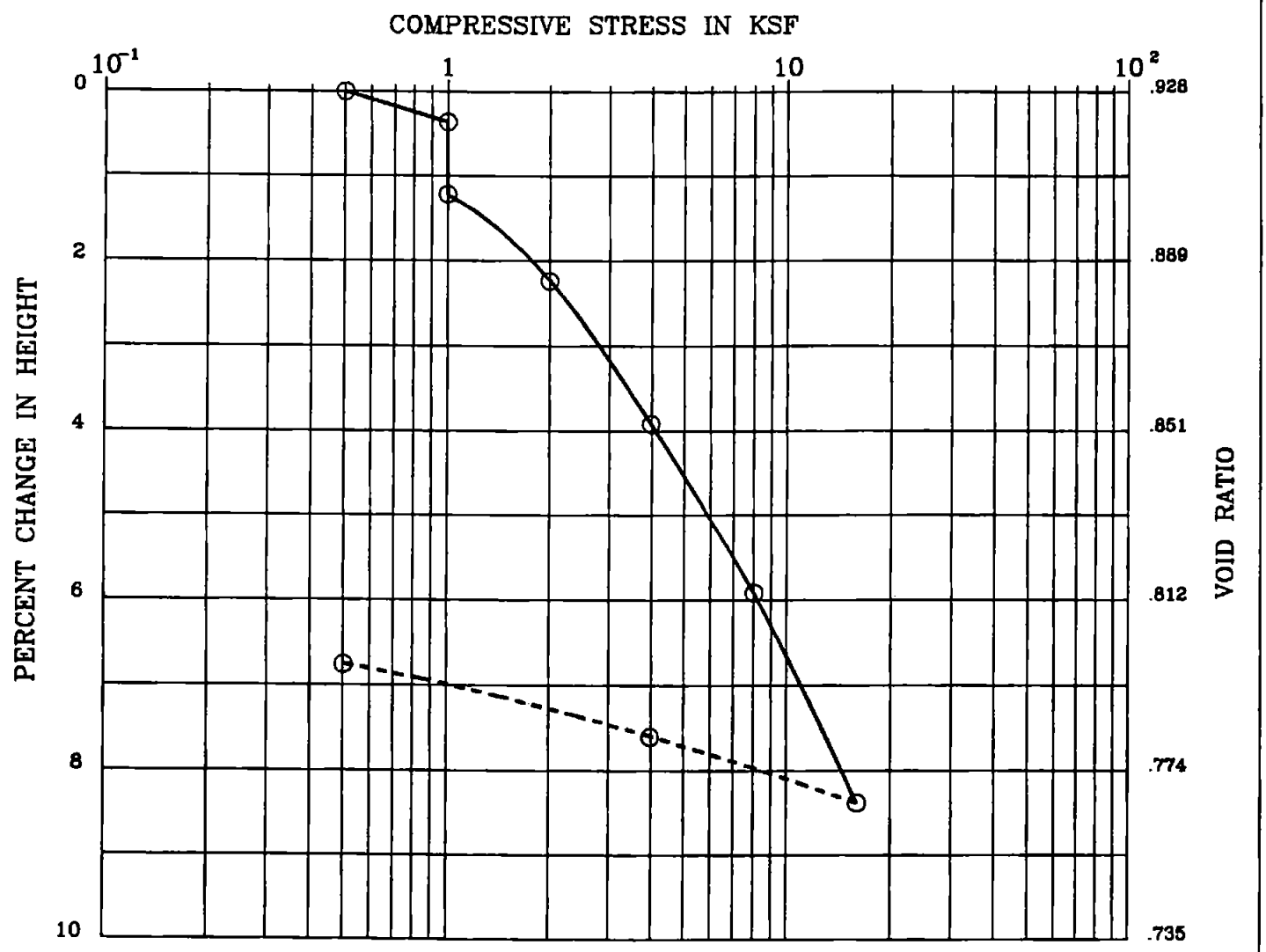


BORING	: 3	DESCRIPTION	:
DEPTH (ft)	: 10	LIQUID LIMIT	:
SPEC. GRAVITY	: 2.88	PLASTIC LIMIT	:

	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	PERCENT SATURATION	VOID RATIO
INITIAL	32.8	89.2	93	1.014
FINAL	28.0	99.3	100	.808

Remark :

SS-21320-V1	Rio del Valle Gymnasium
EARTH SYSTEMS CONSULTANTS	CONSOLIDATION TEST



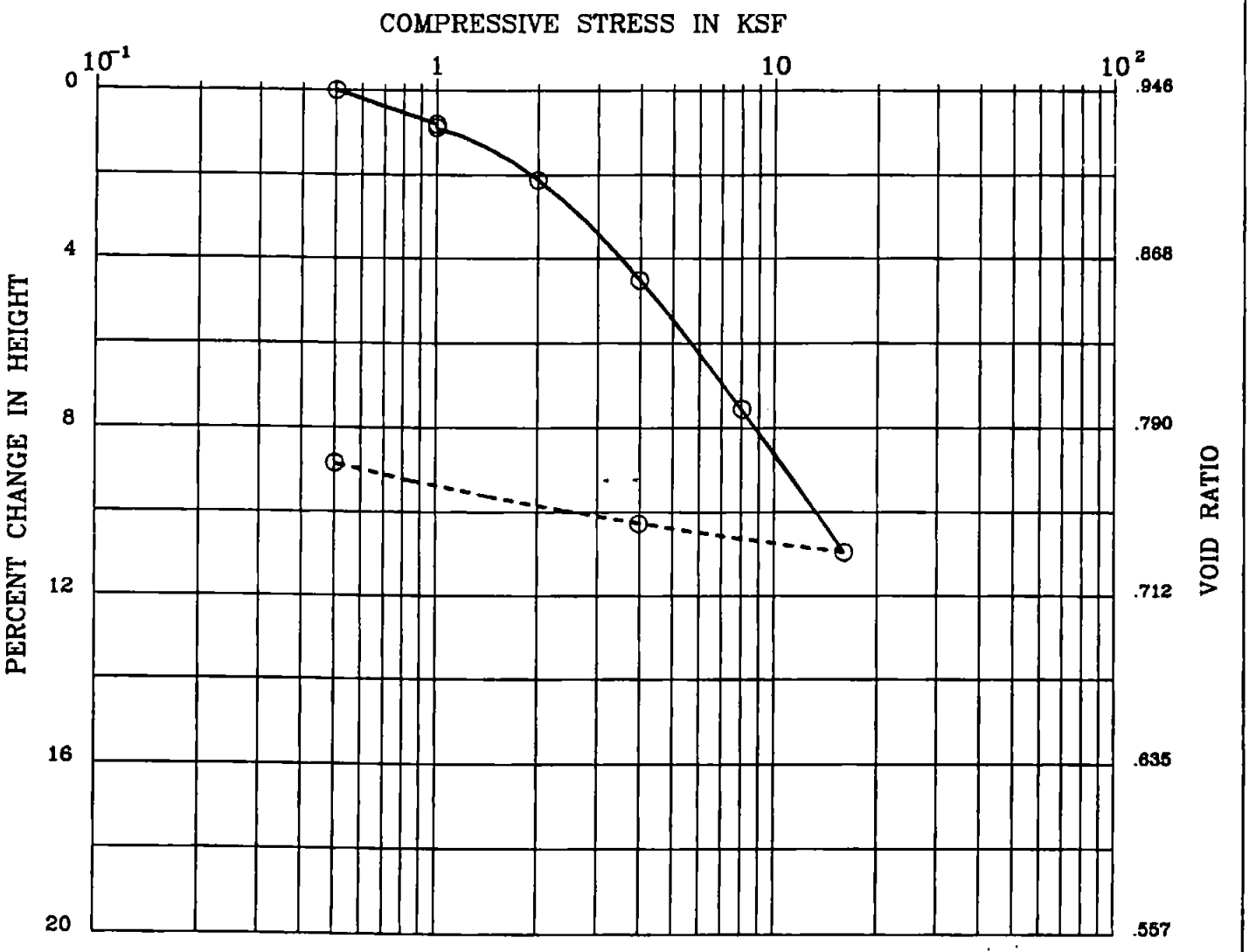
BORING : 4
DEPTH (ft) : 3
SPEC. GRAVITY : 2.58

DESCRIPTION :
LIQUID LIMIT :
PLASTIC LIMIT :

	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	PERCENT SATURATION	VOID RATIO
INITIAL	13.4	83.7	37	.928
FINAL	29.6	91.4	100	.766

Remark :

SS-21320-V1	Rio del Valle Gymnasium
EARTH SYSTEMS CONSULTANTS	CONSOLIDATION TEST



BORING : 4
DEPTH (ft) : 10
SPEC. GRAVITY : 2.82

DESCRIPTION :
LIQUID LIMIT :
PLASTIC LIMIT :

	MOISTURE CONTENT (%)	DRY DENSITY (pcf)	PERCENT SATURATION	VOID RATIO
INITIAL	32.5	90.4	97	.946
FINAL	25.9	101.6	100	.732

Remark :

SS-21320-V1	Rio del Valle Gymnasium
EARTH SYSTEMS CONSULTANTS	CONSOLIDATION TEST

APPENDIX C

SEISMIC DESIGN PARAMETERS

Rio Del Valle MS

Latitude, Longitude: 34.2328, -119.1531



Date	11/3/2020, 12:31:18 PM
Design Code Reference Document	ASCE7-16
Risk Category	II
Site Class	D - Stiff Soil

Type	Value	Description
S_S	1.849	MCE_R ground motion. (for 0.2 second period)
S_1	0.688	MCE_R ground motion. (for 1.0s period)
S_{MS}	1.849	Site-modified spectral acceleration value
S_{M1}	null -See Section 11.4.8	Site-modified spectral acceleration value
S_{DS}	1.233	Numeric seismic design value at 0.2 second SA
S_{D1}	null -See Section 11.4.8	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	null -See Section 11.4.8	Seismic design category
F_a	1	Site amplification factor at 0.2 second
F_v	null -See Section 11.4.8	Site amplification factor at 1.0 second
PGA	0.814	MCE_G peak ground acceleration
F_{PGA}	1.1	Site amplification factor at PGA
PGA_M	0.896	Site modified peak ground acceleration
T_L	8	Long-period transition period in seconds
SsRT	1.849	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	2.089	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	2.453	Factored deterministic acceleration value. (0.2 second)
S1RT	0.688	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	0.775	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.84	Factored deterministic acceleration value. (1.0 second)
PGAd	0.995	Factored deterministic acceleration value. (Peak Ground Acceleration)
C_{RS}	0.885	Mapped value of the risk coefficient at short periods
C_{R1}	0.887	Mapped value of the risk coefficient at a period of 1 s

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APPENDIX D

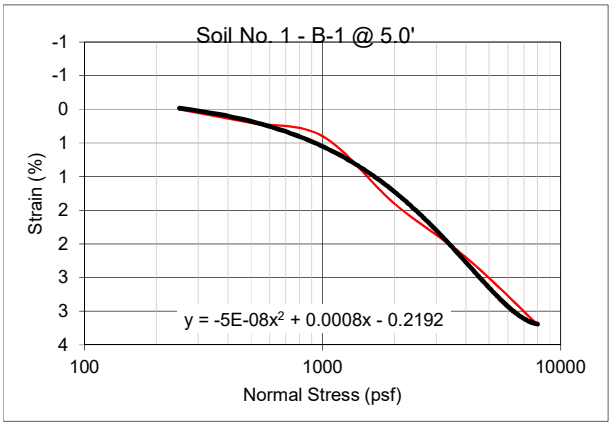
LIQUEFACTION & SETTLEMENT ANALYSES

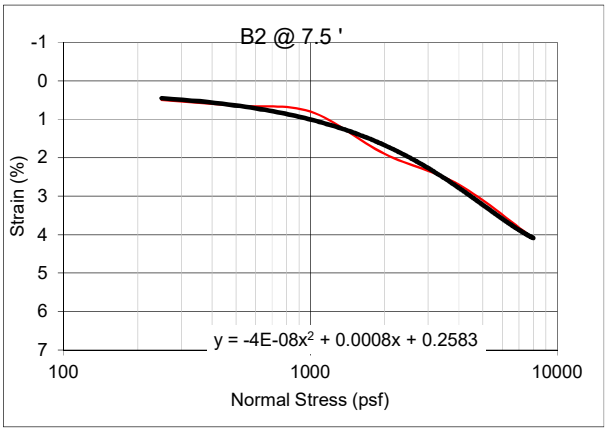
Static Settlement Analysis
Beneath Center of Strip Footing

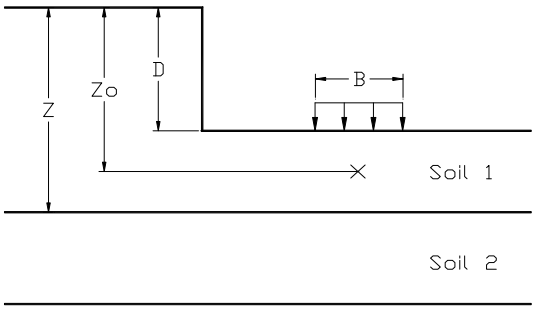
Project	RSD / Rio Del Valle	Boring Water Level (ft)	50.0	Footing Contact Pressure, q (psf)	2000
Project No.	17-002094	Design Water Level (ft)	50.0	Strip Footing Depth, D (ft)	2.5
Boring	B-1	Excavation Stress Relief (psf)	0	Strip Footing Width, B (ft)	2.0

Layer No.	Layer Base z (ft)	Total Unit Weight γ (pcf)	Soil No.	Layer Thickness (ft)	Layer Midheight z_o (ft)	Boring Total Stress p_o (psf)	Boring Effective Stress p_o' (psf)	Ratio $(z_o-D)/B$	Strip Influence Factor k	Footing Stress kq (psf)	Design Total Stress p_f (psf)	Design Effective Stress p_f' (psf)	Initial Strain @ p_o' (%)	Final Strain @ p_f' (%)	Net Strain (%)	Layer Settlement Δs (in)
1	3.50	133	1	3.50	1.75	233	233	0.00	1.000	0	233	233	0.00	0.00	0.00	0.00
2	6.50	122	1	3.00	5.00	649	649	1.25	0.468	936	1,585	1,585	0.28	0.92	0.64	0.23
3	9.00	122	1	2.50	7.75	984	984	2.63	0.238	476	1,460	1,460	0.52	0.84	0.32	0.10
4	11.50	122	1	2.50	10.25	1,289	1,289	3.88	0.158	316	1,605	1,605	0.73	0.94	0.21	0.06
5	14.00	130	1	2.50	12.75	1,604	1,604	5.13	0.118	237	1,841	1,841	0.94	1.08	0.15	0.04
6	16.50	130	1	2.50	15.25	1,929	1,929	6.38	0.096	191	2,120	2,120	1.14	1.25	0.11	0.03
7	21.50	130	1	5.00	19.00	2,417	2,417	8.25	0.077	155	2,571	2,571	1.42	1.51	0.09	0.05
8	26.50	130	1	5.00	24.00	3,067	3,067	10.75	0.067	135	3,201	3,201	1.76	1.83	0.07	0.04
9	31.50	130	1	5.00	29.00	3,717	3,717	13.25	0.047	95	3,811	3,811	2.06	2.10	0.04	0.02
10	36.50	130	1	5.00	34.00	4,367	4,367	15.75	0.027	53	4,420	4,420	2.32	2.34	0.02	0.01
11	41.50	130	1	5.00	39.00	5,017	5,017	18.25	0.015	30	5,046	5,046	0.00	0.00	0.00	0.00

TOTAL SETTLEMENT (in) : 0.60







SIMPLIFIED LIQUEFACTION HAZARDS ASSESSMENT USING STANDARD PENETRATION TEST (SPT) DATA

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PROJECT INFORMATION

Project Name	Rio Del Valle Middle School Kitchen Improvements
Project No.	114517-0002094.00
Project Location	Oxnard, CA
Analyzed By	Carlos Amante
Reviewed By	Shaun Simon

SITE CONDITIONS

Boring No.	B-1
Ground Surface Elevation	99.00 feet
Proposed Grade Elevation	99.00 feet
Topographic Site Condition:	TSC1 (Level Ground with No Nearby Free Face)
- Ground Slope, S	0.00 %
- Free Face (L/H) Ratio	N/A
Ave. Total Unit Weight of New Fill	120.00 pcf
GWL Depth Measured During Test	100.00 feet
GWL Depth Used in Design	20.00 feet
Borehole Diameter	8.00 inches
Hammer Weight	140.00 pounds
Hammer Drop	30.00 inches
Hammer Energy Efficiency Ratio, ER	80.00 %
Hammer Distance to Ground Surface	5.00 feet

SEISMIC DESIGN PARAMETERS

Earthquake Moment Magnitude, M_w	7.00
Peak Ground Acceleration, A_{max}	1.10 g
Site to Seismic Source Distance, R	2.20 mi

SUMMARY OF RESULTS

Severity of Liquefaction:

Cumulative Thickness of Liq. Soils, H_{liq}: 5.00 feet (cumulative total thickness in the upper 65 feet)

Liquefaction Potential Index (LPI): 1.45 *** (Low risk, with minor liquefaction effects)

Seismic Settlements:	**Analysis Method**	**Upper 30 feet**	**Upper 50 feet**	**Upper 65 feet**
Seismic Compression Settlement:	Pradel (1998)	0.00 inches	0.00 inches	0.00 inches
Liquefaction-Induced Settlement:	Ishihara and Yoshimine (1992)	0.00 inches	0.45 inches	0.45 inches
Total Seismic Settlement:		0.00 inches	0.45 inches	0.45 inches

Seismic Lateral Displacements:	**Analysis Method**	**Upper 30 feet**	**Upper 50 feet**	**Upper 65 feet**
Cyclic Lateral Displacement:	Tokimatsu and Asaka (1998)	2.38 inches	3.33 inches	3.35 inches
Lateral Spreading Displacement:	Zhang et al. (2004)	0.00 inches	0.00 inches	0.00 inches

NOTES AND REFERENCES

\+ This method of analysis is based on observed seismic performance of level ground sites using correlation with normalized and fines-corrected SPT blow count, $(N_1)_{60cs} = f\{(N_1)_{60}, FC\}$ where $(N_1)_{60} = N_{field}\, C_N\, C_E\, C_B\, C_R\, C_S$

++ Based on criteria for liquefaction susceptibility screening selected by the user.

* FS_{liq} = Factor of Safety against liquefaction = (CRR/CSR), where CRR = $CRR_{7.5}$ MSF K_σ K_α, MSF = Magnitude Scaling Factor, $K_\sigma = f[(N_1)_{60}, \sigma'_{vo}]$, K_α =1.0, (level ground),
CSR = Cyclic Stress Ratio = 0.65 A_{max} $(\sigma_{vo}/\sigma'_{vo})$ r_d, and $CRR_{7.5}$ = Cyclic Resistance Ratio is a function of $(N_1)_{60cs}$ and corrected for an earthquake magnitude M_w of 7.5.

** Residual strength values of liquefied soils are based on correlation with post-earthquake, normalized and fines-corrected SPT blow count derived by Idriss and Boulanger (2008).

*** Based on Iwasaki et al. (1978) and Toprak and Holzer (2003)

+ Reference: Boulanger, R.W. and Idriss, I.M. (2014), "CPT and SPT Based Liquefaction Triggering Procedures," University of California Davis, Center for Geotechnical Modeling Report No. UCD/CGM-14/01, 1-134.

SOIL PROFILE DATA / LIQUEFACTION TRIGGERING ANALYSIS BASED ON R.W. BOULANGER AND I.M. IDRISS (2014) METHOD +

Bottom of Soil Layer Elevation (feet)	Soil Depth During Test (feet)	Material Type USCS Group Symbol (ASTM D2487)	Liquefaction Susceptibility Screening ++ Susceptible Soil? (Y/N)	Total Soil Unit Weight γ_t (pcf)	Field SPT Blow Count N_{field} (blows/ft)	Type of Soil Sampler	Fines Content FC (%)	Total Vert. Stress (Design) σ_{vo} (psf)	Effective Vert. Stress (Design) σ'_{vo} (psf)	SPT Corr. For Vert. Stress C_N	SPT Corr. For Hammer Energy C_E	SPT Corr. For Borehole Size C_B	SPT Corr. For Rod Length C_R	SPT Corr. For Sampling Method C_S	Corrected SPT Blow Count N_{60}	Normalized SPT Blow Count $(N_1)_{60}$	Fines Corrected SPT Blow Count $(N_1)_{60cs}$	Shear Stress Reduction Coefficient r_d	Correction for High Overburden Stress K_σ	Cyclic Stress Ratio CSR	Cyclic Resistance Ratio CRR	Factor of Safety * FS_{liq}	Liquefaction Analysis Results	Residual Shear Strength ** S_r (psf)	Seismic Porewater Pressure Ratio r_u (%)	Cumulative Seismic Settlement (inches)	Cumulative Cyclic Lateral Displacement (inches)	Cumulative Lateral Spreading Displacement (inches)
94.00	2.50	SM	Y	104.00	20.00	SPT1	35.00	260.00	260.00	1.70	1.33	1.15	0.75	1.00	23.0	39.1	44.6	1.00	1.10	0.71			(NL: Dry Soil)			0.45	3.35	0.00
91.50	6.25	SM	Y	98.00	20.00	SPT1	35.00	642.50	642.50	1.45	1.33	1.15	0.80	1.00	24.5	35.5	41.0	0.99	1.10	0.71			(NL: Dry Soil)			0.45	2.97	0.00
89.00	8.75	ML	N	98.00	6.00	SPT1	86.00	887.50	887.50									0.98		0.70			(NL: Dry Soil)			0.45	2.53	0.00
86.50	11.25	ML	N	112.00	15.00	SPT1	98.00	1,150.00	1,150.00									0.97		0.69			(NL: Dry Soil)			0.45	2.53	0.00
84.00	13.75	ML	N	112.00	8.00	SPT1	98.00	1,430.00	1,430.00									0.96		0.69			(NL: Dry Soil)			0.45	2.53	0.00
79.00	17.50	ML	Y	112.00	24.00	SPT1	84.00	1,850.00	1,850.00	1.03	1.33	1.15	0.95	1.00	35.0	35.9	41.4	0.94	1.02	0.67			(NL: Dry Soil)			0.45	2.53	0.00
74.00	22.50	SP	Y	120.00	55.00	SPT1	5.00	2,430.00	2,274.00	0.98	1.33	1.15	0.95	1.00	80.1	78.5	78.5	0.92	0.96	0.70			(NL: Dense Soil)			0.45	0.98	0.00
69.00	27.50	SW	Y	124.00	47.00	SPT1	5.00	3,040.00	2,572.00	0.93	1.33	1.15	0.95	1.00	68.5	63.7	63.7	0.89	0.92	0.75			(NL: Dense Soil)			0.45	0.98	0.00
64.00	32.50	SW	Y	124.00	28.00	SPT1	5.00	3,660.00	2,880.00	0.82	1.33	1.15	1.00	1.00	42.9	35.2	35.2	0.86	0.89	0.79			(NL: Dense Soil)			0.45	0.97	0.00
59.00	37.50	SP	Y	124.00	39.00	SPT1	5.00	4,280.00	3,188.00	0.83	1.33	1.15	1.00	1.00	59.8	49.7	49.7	0.84	0.86	0.80			(NL: Dense Soil)			0.45	0.69	0.00
54.00	42.50	SW	Y	124.00	28.00	SPT1	5.00	4,900.00	3,496.00	0.73	1.33	1.15	1.00	1.00	42.9	31.2	31.2	0.81	0.87	0.81	0.59	0.73	LIQUEFY	2573.89	100.00	0.45	0.54	0.00
49.00	47.50	SW	Y	124.00	43.00	SPT1	5.00	5,520.00	3,804.00	0.79	1.33	1.15	1.00	1.00	65.9	52.3	52.3	0.78	0.81	0.81			(NL: Dense Soil)			0.00	0.14	0.00
47.50	50.75	SW	Y	124.00	47.00	SPT1	5.00	5,923.00	4,004.20	0.81	1.33	1.15	1.00	1.00	72.1	58.1	58.1	0.76	0.79	0.81			(NL: Dense Soil)			0.00	0.02	0.00

SIMPLIFIED LIQUEFACTION HAZARDS ASSESSMENT USING STANDARD PENETRATION TEST (SPT) DATA

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Project No.	114517-0002094.00
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Analyzed By	Carlos Amante
Reviewed By	Shaun Simon

SITE CONDITIONS	
Boring No.	B-1
Ground Surface Elevation	99.00 feet
Proposed Grade Elevation	99.00 feet
Topographic Site Condition:	TSC1 (Level Ground with No Nearby Free Face)
- Ground Slope, S	0.00 %
- Free Face (L/H) Ratio	N/A
Ave. Total Unit Weight of New Fill	120.00 pcf
GWL Depth Measured During Test	100.00 feet
GWL Depth Used in Design	20.00 feet
Borehole Diameter	8.00 inches
Hammer Weight	140.00 pounds
Hammer Drop	30.00 inches
Hammer Energy Efficiency Ratio, ER	80.00 %
Hammer Distance to Ground Surface	5.00 feet

SEISMIC DESIGN PARAMETERS	
Earthquake Moment Magnitude, M_w	7.00
Peak Ground Acceleration, A_{max}	1.10 g
Site to Seismic Source Distance, R	2.20 mi

SUMMARY OF RESULTS

Severity of Liquefaction:

Cumulative Thickness of Liq. Soils, H_{liq}: 5.00 feet (cumulative total thickness in the upper 65 feet)

Liquefaction Potential Index (LPI): 1.45 *** (Low risk, with minor liquefaction effects)

Seismic Settlements:	**Analysis Method**	**Upper 30 feet**	**Upper 50 feet**	**Upper 65 feet**
Seismic Compression Settlement:	Pradel (1998)	0.00 inches	0.00 inches	0.00 inches
Liquefaction-Induced Settlement:	Ishihara and Yoshimine (1992)	0.00 inches	0.45 inches	0.45 inches
Total Seismic Settlement:		0.00 inches	0.45 inches	0.45 inches

Seismic Lateral Displacements:	**Analysis Method**	**Upper 30 feet**	**Upper 50 feet**	**Upper 65 feet**
Cyclic Lateral Displacement:	Tokimatsu and Asaka (1998)	2.38 inches	3.33 inches	3.35 inches
Lateral Spreading Displacement:	Zhang et al. (2004)	0.00 inches	0.00 inches	0.00 inches

NOTES AND REFERENCES

\+ This method of analysis is based on observed seismic performance of level ground sites using correlation with normalized and fines-corrected SPT blow count, $(N_1)_{60cs} = f\{(N_1)_{60}, FC\}$ where $(N_1)_{60} = N_{field}\, C_N\, C_E\, C_B\, C_R\, C_S$

++ Based on criteria for liquefaction susceptibility screening selected by the user.

* FS_{liq} = Factor of Safety against liquefaction = (CRR/CSR), where CRR = $CRR_{7.5}$ MSF K_σ K_α, MSF = Magnitude Scaling Factor, $K_\sigma = f[(N_1)_{60}, \sigma'_{vo}]$, K_α =1.0, (level ground),
CSR = Cyclic Stress Ratio = 0.65 A_{max} $(\sigma_{vo}/\sigma'_{vo})$ r_d, and $CRR_{7.5}$ = Cyclic Resistance Ratio is a function of $(N_1)_{60cs}$ and corrected for an earthquake magnitude M_w of 7.5.

** Residual strength values of liquefied soils are based on correlation with post-earthquake, normalized and fines-corrected SPT blow count derived by Idriss and Boulanger (2008).

*** Based on Iwasaki et al. (1978) and Toprak and Holzer (2003)

\+ Reference: Boulanger, R.W. and Idriss, I.M. (2014), "CPT and SPT Based Liquefaction Triggering Procedures," University of California Davis, Center for Geotechnical Modeling Report No. UCD/CGM-14/01, 1-134.

SOIL PROFILE DATA								LIQUEFACTION TRIGGERING ANALYSIS BASED ON R.W. BOULANGER AND I.M. IDRISS (2014) METHOD +																					
Bottom of Soil Layer Elevation	Soil Depth During Test	Material Type USCS Group Symbol (ASTM D2487)	Liquefaction Susceptibility Screening ++ Susceptible Soil? (Y/N)	Total Soil Unit Weight γ_t	Field SPT Blow Count N_{field}	Type of Soil Sampler	Fines Content FC	Total Vert. Stress (Design) σ_{vo}	Effective Vert. Stress (Design) σ'_{vo}	SPT Corr. For Vert. Stress C_N	SPT Corr. For Hammer Energy C_E	SPT Corr. For Borehole Size C_B	SPT Corr. For Rod Length C_R	SPT Corr. For Sampling Method C_S	Corrected SPT Blow Count N_{60}	Normalized SPT Blow Count $(N_1)_{60}$	Fines Corrected SPT Blow Count $(N_1)_{60cs}$	Shear Stress Reduction Coefficient r_d	Correction for High Overburden Stress K_σ	Cyclic Stress Ratio CSR	Cyclic Resistance Ratio CRR	Factor of Safety * FS_{liq}	Liquefaction Analysis Results	Residual Shear Strength ** S_r	Seismic Porewater Pressure Ratio r_u	Cumulative Seismic Settlement	Cumulative Cyclic Lateral Displacement	Cumulative Lateral Spreading Displacement

REFERENCES:

1. Boulanger, R.W. and Idriss, I.M. (2014), "CPT and SPT Based Liquefaction Triggering Procedures," University of California Davis, Center for Geotechnical Modeling Report No. UCD/CGM-14/01, 1-134.
2. Bray, J.D., and Sancio, R.B. (2006). "Assessment of the liquefaction susceptibility of fine-grained soils," Journal of Geotechnical and Geoenvironmental Engineering, ASCE 132 (9), 1165-1177.
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5. Idriss, I.M. and Boulanger, R.W. (2008), "Soil Liquefaction During Earthquakes", Earthquake Engineering Research Institute (EERI), Monograph MNO-12.
6. Ishihara, K. and Yoshimine, M. (1992), "Evaluation of settlements in sand deposits following liquefaction during earthquakes," Soils and Foundations, Japanese Geotechnical Society, 32 (1), 173-188.
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8. Olson, S.M. and Johnson, C.I. (2008), "Analyzing Liquefaction-Induced Lateral Spreads Using Strength Ratios," Journal of Geotechnical and Geoenvironmental Engineering, ASCE 134 (8), 1035-1049.
9. Pradel, D. (1998), "Procedure to Evaluate Earthquake-Induced Settlements in Dry Sandy Soils," Journal of Geotechnical Engineering, ASCE 124 (4), pp. 364-368.
10. Seed, R.B. and Harder, L.F. (1990), "SPT-based analysis of cyclic pore pressure generation and undrained residual strength, Proceedings Of Seed Memorial Symposium, Vancouver, B.C., 351-376.
11. Stewart, J.P and Whang, D.H. (2003), "Simplified procedure to estimate ground settlement from seismic compression in compacted soils," Proceedings Of Pacific Conference on Earthquake Engineering, Paper 046.
12. Tokimatsu, K. and Seed, H.B. (1987), "Evaluation of settlements in sands due to earthquake shaking," Journal of Geotechnical Engineering, ASCE 113 (GT8), 861-878.
13. Tokimatsu, K. and Asaka, Y. (1998), "Effects of liquefaction-induced ground displacementson pile performance in the 1995 Hyogoken-Nambu Earthquake," Soils and Foundations, Special Issue, Japan Geotechnical Society, 163-177.
14. Tonkin & Taylor (2013), "Liquefaction Vulnerability Study," Report prepared for the Earthquake Commission (EQC), February, T&T Report No. 520.20.0200.
15. Toprak, S. and Holzer, T.L. (2003), "Liquefaction Potential Index: Field Assessment," Journal of Geotechnical and Geoenviromental Engineering, ASCE 129 (4), 315-322.
16. Youd, T.L, Idriss, I.M., et al. (2001), "Liquefaction resistance of soils: summary report from the 1996 NCEER and 1998 NCEER/NSF Workshops", Journal of Geotechnical and Geoenvironmental Engineering, ASCE 127 (10), 817-833.
17. Zhang, G, Robertson, P.K. and Brachman, R.W.I. (2004), "Estimating liquefaction-induced lateral displacement using the standard penetration test or cone penetration test," Journal of Geotechnical and Geoenvironmental Engineering, ASCE 130 (8), 861-871.

SIMPLIFIED LIQUEFACTION HAZARDS ASSESSMENT USING STANDARD PENETRATION TEST (SPT) DATA

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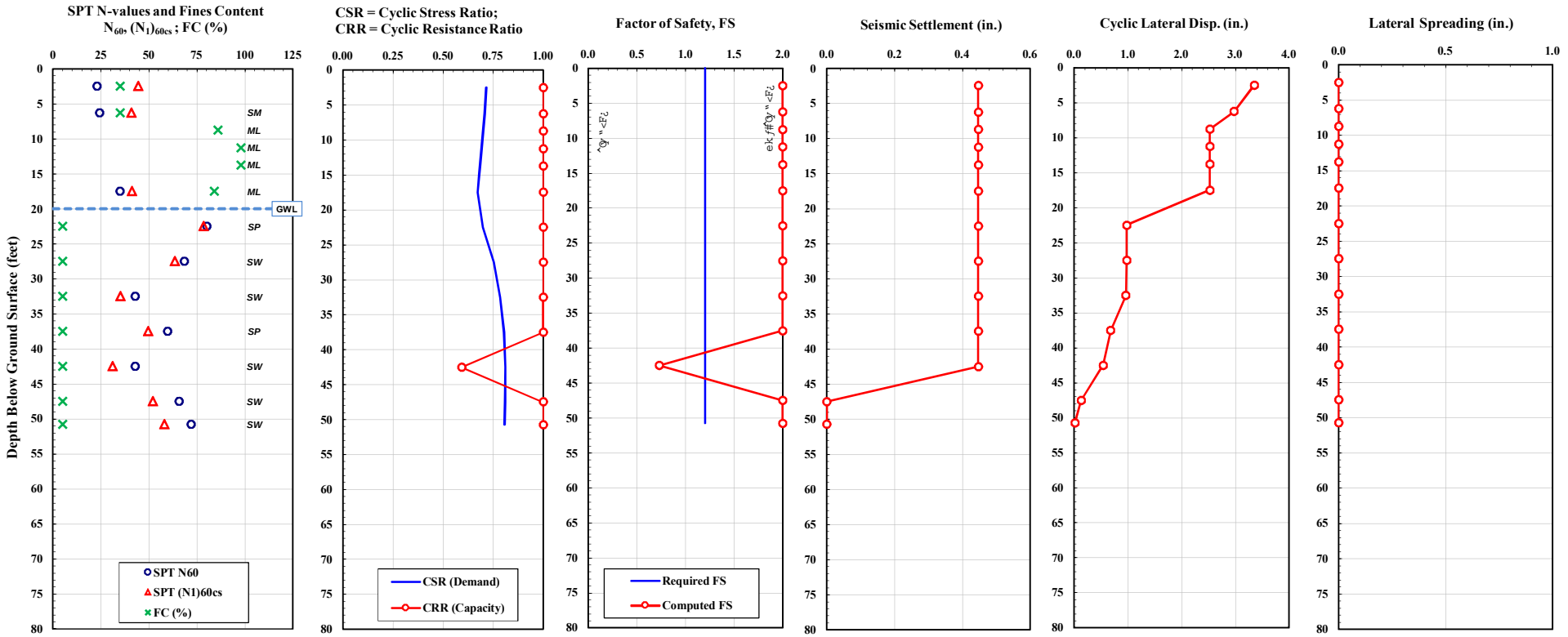
PROJECT INFORMATION	
Project Name	Rio Del Valle Middle School Kitchen Improvements
Project No.	114517-0002094.00
Project Location	Oxnard, CA
Analyzed By	Carlos Amante
Reviewed By	Shaun Simon

TOPOGRAPHIC SITE CONDITION	
Ground Slope, S	0.00 %
Free Face (L/H) Ratio	N/A

GROUNDWATER LEVEL DATA	
GWL Depth Measured During Test	100.00 feet
GWL Depth Used in Design	20.00 feet

BORING DATA	
Boring No.	B-1
Ground Surface Elevation	99.00 feet
Proposed Grade Elevation	99.00 feet
Borehole Diameter	8.00 inches
Hammer Weight	140.00 pounds
Hammer Drop	30.00 inches
Hammer Energy Efficiency Ratio, ER	80.00 %
Hammer Distance to Ground Surface	5.00 feet

SEISMIC DESIGN PARAMETERS	
Earthquake Moment Magnitude, M_w	7.00
Peak Ground Acceleration, A_{max}	1.10 g
Site to Seismic Source Distance, R	2.20 mi



Analysis Methods Used ==>>

Liquefaction Triggering:
Boulanger-Idriss (2014)

Seismic Settlements:
Above GWL: Pradel (1998)
Below GWL: Ishihara and Yoshimine (1992)

Cyclic Lateral Displacements:
Above GWL: Pradel (1998)
Below GWL: Tokimatsu and Asaka (1998)

Lateral Spreading:
Zhang et al. (2004)

SIMPLIFIED LIQUEFACTION HAZARDS ASSESSMENT USING STANDARD PENETRATION TEST (SPT) DATA

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PROJECT INFORMATION

Project Name	Rio Del Valle Middle School Kitchen Improvements
Project No.	114517-0002094.00
Project Location	Oxnard, CA
Analyzed By	Carlos Amante
Reviewed By	Shaun Simon

SITE CONDITIONS

Boring No.	(0-31.5'), B-1
Ground Surface Elevation	102.00 feet
Proposed Grade Elevation	102.00 feet
Topographic Site Condition:	TSC1 (Level Ground with No Nearby Free Face)
- Ground Slope, S	0.00 %
- Free Face (L/H) Ratio	N/A
Ave. Total Unit Weight of New Fill	120.00 pcf
GWL Depth Measured During Test	100.00 feet
GWL Depth Used in Design	20.00 feet
Borehole Diameter	8.00 inches
Hammer Weight	140.00 pounds
Hammer Drop	30.00 inches
Hammer Energy Efficiency Ratio, ER	80.00 %
Hammer Distance to Ground Surface	5.00 feet

SEISMIC DESIGN PARAMETERS

Earthquake Moment Magnitude, M_w	7.00
Peak Ground Acceleration, A_{max}	1.10 g
Site to Seismic Source Distance, R	2.20 mi

SUMMARY OF RESULTS

Severity of Liquefaction:

Cumulative Thickness of Liq. Soils, H_{liq}: 6.50 feet (cumulative total thickness in the upper 65 feet)

Liquefaction Potential Index (LPI): 1.98 *** (Low risk, with minor liquefaction effects)

Seismic Settlements:	**Analysis Method**	**Upper 30 feet**	**Upper 50 feet**	**Upper 65 feet**
Seismic Compression Settlement:	Pradel (1998)	0.00 inches	0.00 inches	0.00 inches
Liquefaction-Induced Settlement:	Ishihara and Yoshimine (1992)	0.00 inches	0.76 inches	0.76 inches
Total Seismic Settlement:		0.00 inches	0.76 inches	0.76 inches

Seismic Lateral Displacements:	**Analysis Method**	**Upper 30 feet**	**Upper 50 feet**	**Upper 65 feet**
Cyclic Lateral Displacement:	Tokimatsu and Asaka (1998)	1.63 inches	2.63 inches	2.65 inches
Lateral Spreading Displacement:	Zhang et al. (2004)	0.00 inches	0.00 inches	0.00 inches

NOTES AND REFERENCES

\+ This method of analysis is based on observed seismic performance of level ground sites using correlation with normalized and fines-corrected SPT blow count, $(N_1)_{60cs} = f\{(N_1)_{60}, FC\}$ where $(N_1)_{60} = N_{field}\, C_N\, C_E\, C_B\, C_R\, C_S$

++ Based on criteria for liquefaction susceptibility screening selected by the user.

* FS_{liq} = Factor of Safety against liquefaction = (CRR/CSR), where CRR = $CRR_{7.5}$ MSF K_σ K_α, MSF = Magnitude Scaling Factor, $K_\sigma = f[(N_1)_{60}, \sigma'_{vo}]$, K_α =1.0, (level ground),
CSR = Cyclic Stress Ratio = 0.65 A_{max} $(\sigma_{vo}/\sigma'_{vo})$ r_d, and $CRR_{7.5}$ = Cyclic Resistance Ratio is a function of $(N_1)_{60cs}$ and corrected for an earthquake magnitude M_w of 7.5.

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+ Reference: Boulanger, R.W. and Idriss, I.M. (2014), "CPT and SPT Based Liquefaction Triggering Procedures," University of California Davis, Center for Geotechnical Modeling Report No. UCD/CGM-14/01, 1-134.

SOIL PROFILE DATA / LIQUEFACTION TRIGGERING ANALYSIS BASED ON R.W. BOULANGER AND I.M. IDRISS (2014) METHOD +

Bottom of Soil Layer Elevation (feet)	Soil Depth During Test (feet)	Material Type USCS Group Symbol (ASTM D2487)	Liquefaction Susceptibility Screening ++ Susceptible Soil? (Y/N)	Total Soil Unit Weight γ_t (pcf)	Field SPT Blow Count N_{field} (blows/ft)	Type of Soil Sampler	Fines Content FC (%)	Total Vert. Stress (Design) σ_{vo} (psf)	Effective Vert. Stress (Design) σ'_{vo} (psf)	SPT Corr. For Vert. Stress C_N	SPT Corr. For Hammer Energy C_E	SPT Corr. For Borehole Size C_B	SPT Corr. For Rod Length C_R	SPT Corr. For Sampling Method C_S	Corrected SPT Blow Count N_{60}	Normalized SPT Blow Count $(N_1)_{60}$	Fines Corrected SPT Blow Count $(N_1)_{60cs}$	Shear Stress Reduction Coefficient r_d	Correction for High Overburden Stress K_σ	Cyclic Stress Ratio CSR	Cyclic Resistance Ratio CRR	Factor of Safety * FS_{liq}	Liquefaction Analysis Results	Residual Shear Strength ** S_r (psf)	Seismic Porewater Pressure Ratio r_u (%)	Cumulative Seismic Settlement (inches)	Cumulative Cyclic Lateral Displacement (inches)	Cumulative Lateral Spreading Displacement (inches)
97.00	2.50	SM	Y	111.00	20.00	SPT1	35.00	277.50	277.50	1.70	1.33	1.15	0.75	1.00	23.0	39.1	44.6	1.00	1.10	0.71			(NL: Dry Soil)			0.76	2.65	0.00
94.50	6.25	SM	Y	111.00	20.00	SPT1	35.00	693.75	693.75	1.42	1.33	1.15	0.80	1.00	24.5	34.8	40.3	0.99	1.10	0.71			(NL: Dry Soil)			0.76	2.26	0.00
92.00	8.75	ML	Y	110.00	20.00	SPT1	68.00	970.00	970.00	1.28	1.33	1.15	0.85	1.00	26.1	33.3	38.9	0.98	1.10	0.70			(NL: Dry Soil)			0.76	1.76	0.00
89.50	11.25	ML	N	117.00	7.00	SPT1	100.00	1,253.75	1,253.75									0.97		0.69			(NL: Dry Soil)			0.76	1.04	0.00
87.00	13.75	ML	N	117.00	6.00	SPT1	100.00	1,546.25	1,546.25									0.96		0.69			(NL: Dry Soil)			0.76	1.04	0.00
82.00	17.50	ML	N	117.00	39.00	SPT1	35.00	1,985.00	1,985.00									0.94		0.67			(NL: Dry Soil)			0.76	1.04	0.00
77.00	22.50	SM	Y	115.00	55.00	SPT1	5.00	2,565.00	2,409.00	0.97	1.33	1.15	0.95	1.00	80.1	78.0	78.0	0.92	0.94	0.70			(NL: Dense Soil)			0.76	1.04	0.00
72.00	27.50	SW	Y	117.00	47.00	SPT1	5.00	3,145.00	2,677.00	0.92	1.33	1.15	0.95	1.00	68.5	63.3	63.3	0.89	0.91	0.75			(NL: Dense Soil)			0.76	1.04	0.00
70.50	30.75	SW	Y	117.00	25.00	SPT1	5.00	3,525.25	2,854.45	0.82	1.33	1.15	1.00	1.00	38.3	31.4	31.4	0.87	0.92	0.77	0.64	0.83	LIQUEFY	1784.24	100.00	0.76	1.02	0.00
67.00	33.25	SW	Y	124.00	28.00	SPT1	5.00	3,830.00	3,003.20	0.81	1.33	1.15	1.00	1.00	42.9	34.6	34.6	0.86	0.88	0.78	1.09	1.38	(NL: Dense Soil)		35.14	0.63	0.90	0.00
62.00	37.50	SP	Y	124.00	39.00	SPT1	5.00	4,357.00	3,265.00	0.83	1.33	1.15	1.00	1.00	59.8	49.5	49.5	0.84	0.85	0.80			(NL: Dense Soil)			0.46	0.70	0.00
57.00	42.50	SW	Y	124.00	28.00	SPT1	5.00	4,977.00	3,573.00	0.72	1.33	1.15	1.00	1.00	42.9	31.0	31.0	0.81	0.86	0.81	0.57	0.71	LIQUEFY	2626.50	100.00	0.46	0.56	0.00
52.00	47.50	SW	Y	124.00	43.00	SPT1	5.00	5,597.00	3,881.00	0.79	1.33	1.15	1.00	1.00	65.9	52.0	52.0	0.78	0.80	0.81			(NL: Dense Soil)			0.00	0.14	0.00
50.50	50.75	SW	Y	124.00	47.00	SPT1	5.00	6,000.00	4,081.20	0.80	1.33	1.15	1.00	1.00	72.1	57.9	57.9	0.76	0.79	0.80			(NL: Dense Soil)			0.00	0.02	0.00

SIMPLIFIED LIQUEFACTION HAZARDS ASSESSMENT USING STANDARD PENETRATION TEST (SPT) DATA

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Project No.	114517-0002094.00
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Analyzed By	Carlos Amante
Reviewed By	Shaun Simon

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SEISMIC DESIGN PARAMETERS	
Earthquake Moment Magnitude, M_w	7.00
Peak Ground Acceleration, A_{max}	1.10 g
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SUMMARY OF RESULTS

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Total Seismic Settlement:		0.00 inches	0.76 inches	0.76 inches

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Cyclic Lateral Displacement:	Tokimatsu and Asaka (1998)	1.63 inches	2.63 inches	2.65 inches
Lateral Spreading Displacement:	Zhang et al. (2004)	0.00 inches	0.00 inches	0.00 inches

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CSR = Cyclic Stress Ratio = 0.65 A_{max} $(\sigma_{vo}/\sigma'_{vo})$ r_d, and $CRR_{7.5}$ = Cyclic Resistance Ratio is a function of $(N_1)_{60cs}$ and corrected for an earthquake magnitude M_w of 7.5.

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Bottom of Soil Layer Elevation	Soil Depth During Test	Material Type USCS Group Symbol (ASTM D2487)	Liquefaction Susceptibility Screening ++ Susceptible Soil? (Y/N)	Total Soil Unit Weight γ_t	Field SPT Blow Count N_{field}	Type of Soil Sampler	Fines Content FC	Total Vert. Stress (Design) σ_{vo}	Effective Vert. Stress (Design) σ'_{vo}	SPT Corr. For Vert. Stress C_N	SPT Corr. For Hammer Energy C_E	SPT Corr. For Borehole Size C_B	SPT Corr. For Rod Length C_R	SPT Corr. For Sampling Method C_S	Corrected SPT Blow Count N_{60}	Normalized SPT Blow Count $(N_1)_{60}$	Fines Corrected SPT Blow Count $(N_1)_{60cs}$	Shear Stress Reduction Coefficient r_d	Correction for High Overburden Stress K_σ	Cyclic Stress Ratio CSR	Cyclic Resistance Ratio CRR	Factor of Safety * FS_{liq}	Liquefaction Analysis Results	Residual Shear Strength ** S_r	Seismic Porewater Pressure Ratio r_u	Cumulative Seismic Settlement	Cumulative Cyclic Lateral Displacement	Cumulative Lateral Spreading Displacement

REFERENCES:

1. Boulanger, R.W. and Idriss, I.M. (2014), "CPT and SPT Based Liquefaction Triggering Procedures," University of California Davis, Center for Geotechnical Modeling Report No. UCD/CGM-14/01, 1-134.
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5. Idriss, I.M. and Boulanger, R.W. (2008), "Soil Liquefaction During Earthquakes", Earthquake Engineering Research Institute (EERI), Monograph MNO-12.
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7. Iwasaki, T., et al. (1978), "A practical method for assessing soil liquefaction potential based on case studies at various sites in Japan," Proceedings Of 3rd International Conference of Microzonation, San Francisco, 885-896.
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13. Tokimatsu, K. and Asaka, Y. (1998), "Effects of liquefaction-induced ground displacementson pile performance in the 1995 Hyogoken-Nambu Earthquake," Soils and Foundations, Special Issue, Japan Geotechnical Society, 163-177.
14. Tonkin & Taylor (2013), "Liquefaction Vulnerability Study," Report prepared for the Earthquake Commission (EQC), February, T&T Report No. 520.20.0200.
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SIMPLIFIED LIQUEFACTION HAZARDS ASSESSMENT USING STANDARD PENETRATION TEST (SPT) DATA

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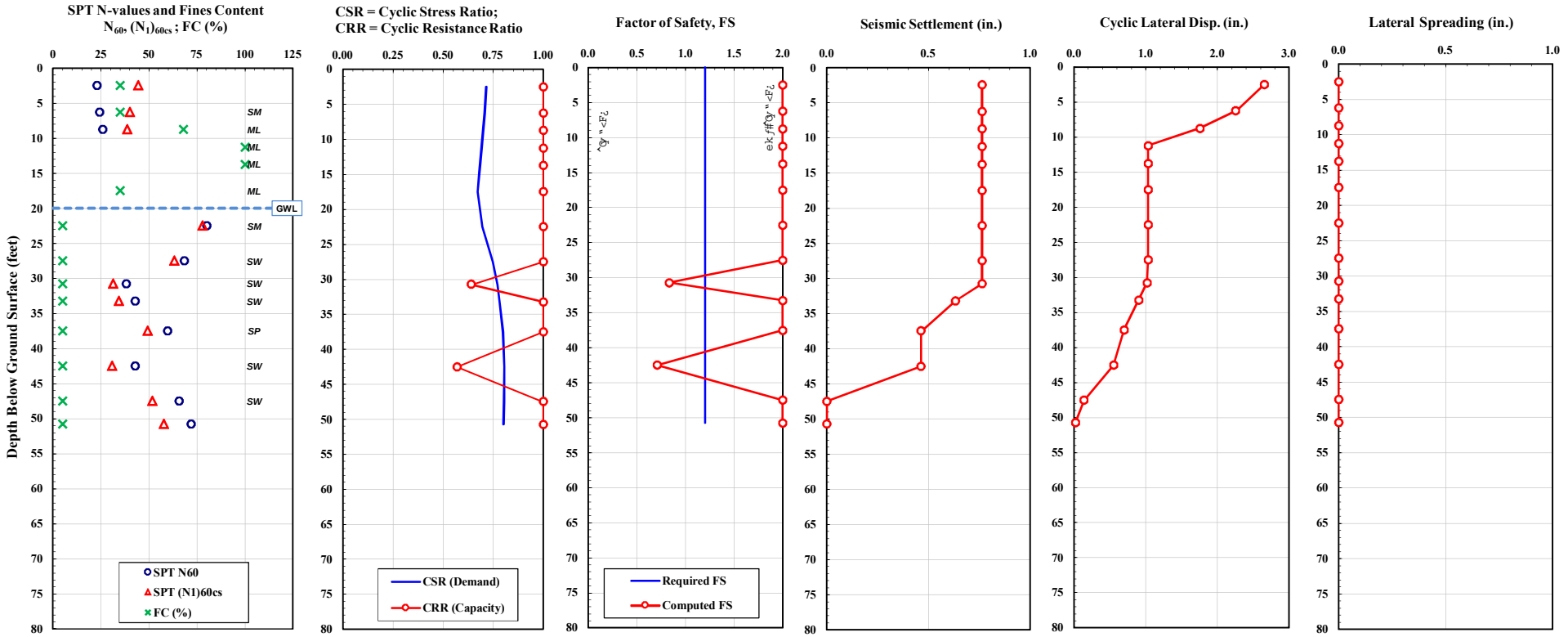
PROJECT INFORMATION	
Project Name	Rio Del Valle Middle School Kitchen Improvements
Project No.	114517-0002094.00
Project Location	Oxnard, CA
Analyzed By	Carlos Amante
Reviewed By	Shaun Simon

TOPOGRAPHIC SITE CONDITION	
Ground Slope, S	0.00 %
Free Face (L/H) Ratio	N/A

GROUNDWATER LEVEL DATA	
GWL Depth Measured During Test	100.00 feet
GWL Depth Used in Design	20.00 feet

BORING DATA	
Boring No.	)-31.5'), B-1
Ground Surface Elevation	102.00 feet
Proposed Grade Elevation	102.00 feet
Borehole Diameter	8.00 inches
Hammer Weight	140.00 pounds
Hammer Drop	30.00 inches
Hammer Energy Efficiency Ratio, ER	80.00 %
Hammer Distance to Ground Surface	5.00 feet

SEISMIC DESIGN PARAMETERS	
Earthquake Moment Magnitude, M_w	7.00
Peak Ground Acceleration, A_{max}	1.10 g
Site to Seismic Source Distance, R	2.20 mi



Analysis Methods Used ==>>

Liquefaction Triggering:
Boulanger-Idriss (2014)

Seismic Settlements:
Above GWL: Pradel (1998)
Below GWL: Ishihara and Yoshimine (1992)

Cyclic Lateral Displacements:
Above GWL: Pradel (1998)
Below GWL: Tokimatsu and Asaka (1998)

Lateral Spreading:
Zhang et al. (2004)

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Wael Saleh
Asst. Superintendent of Business Services
Rio School District
1800 Solar Drive
Oxnard, CA 93030

September 8, 2022

Subject: **Engineering Geology and Seismology Review for**
Rio Del Valle Middle School – Sports Field Complex, Phase 2
3100 N. Rose Avenue, Oxnard, CA 93036
CGS Application No. 03-CGS5517

Dear Wael Saleh:

In accordance with your request and transmittal of documents received on July 21, 2022, the California Geological Survey (CGS) has reviewed the engineering geology and seismology aspects of the consulting report prepared for the subject project at Rio Del Valle Middle School in Oxnard, California. It is our understanding that this project involves the construction of a new field house modular building, modifications to existing baseball dugouts, and field lighting installation. This review was performed in accordance with Title 24, California Code of Regulations, 2019 California Building Code (CBC) and followed CGS Note 48 guidelines. We reviewed the following report:

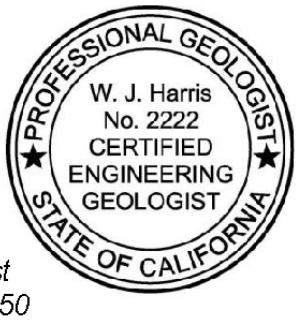
> **Update Report of Geotechnical Study, Rio Del Valle Middle School Sports Field Complex, Phase 2 Improvements, Rio School District, Oxnard, California:** NV5 West, Inc., 1868 Palma Drive Suite A, Ventura, California 93003, company Project No. 45020-002685.00, report dated November 12, 2020, 22 pages, 5 figures, and 4 appendices.

Based on our review, the consultants provide a thorough and well-documented assessment of engineering geology and seismology issues with respect to the proposed improvements. The principal concern identified by the consultants is the potential for strong ground shaking and liquefaction. The consultants recommend map-based design spectral acceleration parameters of $\mathbf{S_{DS} = 0.885}g$, which is considered reasonable provided that the provisions of Exception 2 in ASCE 7, Section 11.4.8, are applied in structural design. Their evaluation indicates that deep-seated slope instability that is not a design concern for the project.

In conclusion, ***the engineering geology and seismology issues at this site are adequately assessed in the referenced reports, and no further information is requested***. If you have any further questions about this review letter, please contact the primary reviewer at will.harris@conservation.ca.gov.

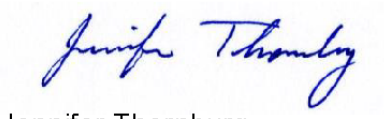
Respectfully submitted,





Will Harris
Senior Engineering Geologist
PG 5679, CEG 2222, CHg 750

Concur:



Jennifer Thornburg
Senior Engineering Geologist
PG 5476, CEG 2240



Enclosures:

Note 48 Checklist Review Comments
Keyed to: *Note 48 - Checklist for the Review of Engineering Geology and Seismology Reports for California Public Schools, Hospitals, and Essential Services Buildings*

Copies to:

Shaun Simon, *Certified Engineering Geologist*, and M. Bruce Smith, *Registered Geotechnical Engineer*
NV5 West, Inc., 1868 Palma Drive, Suite A, Ventura, CA 93003

Todd A. Jespersen, *Architect*
KBZ Architects, Inc., 199 Figueroa Street, Suite 100A, Ventura, CA 93001

Douglas Humphrey, *Regional Manager*
Division of State Architect, 355 South Grand Avenue, Suite 2100, Los Angeles, CA 90071

Note 48 Checklist Review Comments

In the numbered paragraphs below, this review is keyed to the paragraph numbers of California Geological Survey Note 48 (October, 2019 edition), *Checklist for the Review of Engineering Geology and Seismology Reports for California Public Schools, Hospitals, and Essential Services Buildings.*

Project Location

1. Site Location Map, Street Address, County Name: Adequately addressed.
2. Plot Plan with Exploration Data with Building Footprint: Adequately addressed.
3. Site Coordinates: Adequately addressed. Latitude and Longitude provided in report: 34.2328°N, 119.1531°W.

Engineering Geology/Site Characterization

4. Regional Geology and Regional Fault Maps: Adequately addressed.
5. Geologic Map of Site: Not provided, and therefore not reviewed.
6. Geologic Hazard Zones: Adequately addressed. The consultants report the site is not located within an Alquist-Priolo Earthquake Fault zone, nor located within a State-designated earthquake-induced landslide hazard zone. The consultants note the site is within a CGS-mapped liquefaction hazard zone.
7. Subsurface Geology: Adequately addressed. The consultants reference four borings and two cone penetrometer test (CPT) soundings made at the site in 1997, as well as two additional borings drilled in 2017. Five of the borings extended to 51 feet below ground surface (bgs), and the CPTs extended to 50 feet bgs. Earth materials encountered consisted of interbedded mixtures of clay, silt, sand, and some gravel. Dense fine to coarse sand with gravel was encountered below 20 to 25 feet bgs in the borings. Groundwater was not encountered in the borings drilled in 2017. For the borings drilled in 1997, groundwater was encountered between 35 and 38 feet bgs. The consultants report that historic high groundwater for the area is approximately 20 feet bgs.
8. Geologic Cross Sections: Not provided, and therefore not reviewed.
9. Geotechnical Testing of Representative Samples: Adequately addressed.
10. Consideration of Geology in Geotechnical Engineering Recommendations: Adequately addressed.
11. Conditional Geotechnical Topics: Not applicable

Seismology & Calculation of Earthquake Ground Motion

12. Evaluation of Historic Seismicity: Not provided by consultant and therefore not reviewed. The consultants provide a fault activity map for the site region and a table of summarizing the known faults that are in proximity to the site.
13. Classify the Geologic Subgrade (Site Class): Adequately addressed. The consultants classify the site soil profile as Site Class D. This appears to be an appropriate designation based on boring logs and blowcount data presented in the consultants' report.

14. General Procedure Seismic Parameters: Adequately addressed. The consultants report the following parameters derived from a map-based analysis:
    S_S = 1.849 and S_1 = 0.688
    S_{DS} = 1.233 (and S_{D1} = not reported, for the purpose of calculating T_s)
    Ts = Not provided by the consultants but may be taken as S_{D1}/S_{DS}.
    These seismic parameters are acceptable **provided a Site Class D soil profile is appropriate and that C_s is calculated as required in 11.4.8, Exception 2, and that $T<1.5T_S$.** If otherwise, then a site-specific ground motion hazard analysis should be prepared and submitted for CGS review.
15. Site-Specific Ground Motion Analysis: Not addressed by consultant and therefore not reviewed.
16. Deaggregated Seismic Source Parameters: Not applicable.
17. Time-Histories of Earthquake Ground Motion: Not applicable.

Fault Rupture Hazard Evaluation

18. Active Faulting & Coseismic Deformation Across Site: Adequately addressed. The consultants report that the site is not within an established State of California Alquist-Priolo Earthquake Fault Zone for surface fault rupture hazards and conclude that the possibility of fault rupture beneath the project is considered low. The data appear to support this conclusion.

Liquefaction/Seismic Settlement Analysis

19. Geologic Setting for Occurrence of Seismically Induced Liquefaction: Adequately addressed. The consultants note that the site is within a CGS-mapped liquefaction hazard zone. The consultants conducted a liquefaction analysis using a historic high groundwater level of 20 feet bgs and conclude that liquefaction is a potential within a cumulative total thickness of 6.5 feet of sediment layers that are within 65 feet of the ground surface. This conclusion appears reasonable based on the analysis presented.
20. Seismic Settlement Calculations: Adequately addressed. The consultants conducted a seismically-induced settlement analysis using boring data, a PGA_M of 0.87g, a M_W of 7, and a groundwater depth of 20 feet bgs. The consultants conclude from the analysis that total seismic settlement would be up to one inch, with differential settlement of ½ inch over a distance of 30 feet. The consultants' conclusions assume in their settlement analysis that the upper 4 feet of loose native soils are recompacted to a minimum of 90% relative compaction (90% of the soil's maximum density). The data provided appear to support the consultants' conclusions.
21. Other Liquefaction Effects: Not applicable.
22. Mitigation Options for Liquefaction: Adequately addressed. The consultants provide recommendations to mitigate potential liquefaction including over excavation of soil to a depth of 2 feet below the bottom of the deepest footing or 4 feet below existing grade.

Slope Stability Analysis

23. Geologic Setting for Occurrence of Landslides: Adequately addressed. The consultants report the site is not located near slopes that may be subject to instability and not within a State-designated earthquake induced landslide hazard zone. The consultants conclude that hazard associated with slope instability is considered low.

24. Determination of Static and Dynamic Strength Parameters: Not applicable.
25. Determination of Pseudo-Static Coefficient (Keq): Not applicable.
26. Identify Critical Slip Surfaces for Static and Dynamic Analyses: Not applicable.
27. Dynamic Site Conditions: Not applicable.
28. Mitigation Options/Other Slope Failure: Not applicable.

Other Geologic Hazards or Adverse Site Conditions

29. Expansive Soils: Adequately addressed. The consultants report that the near-surface earth materials have a very low expansive potential.
30. Corrosive/Reactive Geochemistry of the Geologic Subgrade: Adequately addressed. The consultants report that on-site soils are moderately corrosive.
31. Conditional Geologic Assessment: Adequately addressed. No significant conditional hazards of potential concern were identified by the consultants.

Report Documentation

32. Geology, Seismology, and Geotechnical References: Adequately addressed.
33. Certified Engineering Geologist: Adequately addressed.
    Shaun Simon, Certified Engineering Geologist #2461
34. Registered Geotechnical Engineer: Adequately addressed.
    M. Bruce Smith, Registered Geotechnical Engineer #2673

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January 31, 2022 NV5 Project No. 1145021-002840.00

Rio School District
1800 Solar Drive,
Oxnard, California 93036

Attention: Wael Saleh

Subject: **ADDENDUM GEOTECHNICAL LETTER**
Proposed Fieldhouse Building, Sports Field Complex Phase 2 Improvements
Rio Del Valle Middle School
3100 N Rose Avenue, Oxnard, California

Reference: NV5 West Inc., November 12, 2020; Update Geotechnical Letter, Proposed Sports Field Complex Phase 2 Improvements, Rio Del Valle Middle School, 3100 North Rose Avenue, Oxnard, California

Dear Mr. Saleh,

NV5 West, Inc. is pleased to present this geotechnical addendum letter for the proposed sports field complex phase 2 improvements at Rio Del Valle Middle School in Oxnard, California. This letter presents addendum geotechnical recommendations for design and construction of the fieldhouse building portion of the proposed site improvements. Based on the study findings, the proposed project is considered feasible from a geotechnical perspective provided the recommendations presented in this report are incorporated into the design and construction.

At the time of the referenced geotechnical letter, details regarding the proposed fieldhouse building were not known. Based on January 26, 2022 email by the project architect, Todd Jespersen (of Kruger Bensen Ziemer Architects), NV5 understands that a modular fieldhouse building is now proposed as part of the project improvements. Pre-check plan sheets by American Modular Systems proposes a 48 ft x 40 ft one-story modular building with shallow foundations. NV5 understands that the foundation loading is 100 psf, and that continuous footings are shown as 12 inches in width (perimeter) and 22 inches in width (interior).

For the proposed modular building, NV5 recommends that the structures may be supported on continuous reinforced concrete footings with a minimum of 12 inches in width and founded a minimum of 18 inches deep into engineered fill. Isolated, reinforced concrete pad footings should be a minimum of 2 feet in each dimension, and founded a minimum of 24 inches deep into engineered fill.

All other recommendations from the referenced report remain applicable.

NV5 appreciates the opportunity to be of service to the District on this project. If you have any questions, please do not hesitate to contact us.

Respectfully Submitted,

NV5 WEST, INC.



Shaun Simon, PE, PG, CEG
Engineering Manager

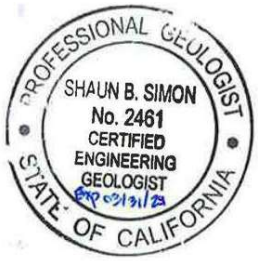




M. Bruce Smith, GE 2673
Senior Geotechnical Engineer



Distribution: (3) Addressee



TETRA TECH

Geotechnical Engineering ● Engineering Geology

Preliminary Geotechnical Investigation Report

RIO DEL VALLE MIDDLE SCHOOL SOUTH CAMPUS EXPANSION PROJECT

2600 North Rose Avenue
Oxnard, California



Prepared for:

Rio School District
1800 Solar Drive
Oxnard, California 93030

Prepared by:

Tetra Tech
21700 Copley Drive, Suite #200
Diamond Bar, California 91765

Project No. TET 22-233E
June 1, 2022

TETRA TECH

Project No. TET 22-233E
June 1, 2022

Mr. Wael Saleh, CPA, MBA
Assistant Superintendent, Chief Business Official
Rio School District
1800 Solar Drive
Oxnard, California 93030

Subject: **PRELIMINARY GEOTECHNICAL INVESTIGATION REPORT**
RIO DEL VALLE MIDDLE SCHOOL
SOUTH CAMPUS EXPANSION PROJECT
2600 North Rose Avenue
Oxnard, California

Dear Mr. Saleh:

Tetra Tech is pleased to submit the results of our preliminary geotechnical investigation for the Rio Del Valle Middle School South Campus Expansion Project located at 2600 North Rose Avenue in the city of Oxnard, California. The purpose of our investigation was to evaluate the subsurface conditions at the property and to provide recommendations for design and construction of the proposed development. Additionally, this report provides support for preparation of the California Environmental Quality Act (CEQA) site assessment. This report includes a brief description of the proposed development, a discussion regarding the field exploration and laboratory testing, a description of subsurface conditions, a discussion on engineering seismology and geological hazards, and provides geotechnical conclusions and recommendations. The appendices to the report include logs of exploratory borings, results of laboratory tests, seismic demand, liquefaction evaluation, and responses to the threshold questions established in Section VII –Appendix G Environmental Checklist Form contained in the CEQA Guidelines.

We appreciate the opportunity to provide our professional services on this project. If you have any questions regarding this report or if we can be of further service, please do not hesitate to contact the undersigned.

Respectfully submitted,
Tetra Tech

Fernando Cuenca, PhD, GE
Senior Engineer

REGISTERED PROFESSIONAL ENGINEER
FERNANDO AUGUSTO CUENCA
GE 3128
GEOTECHNICAL
STATE OF CALIFORNIA

Michael O. Spira, CEG
Supervising Engineering Geologist

CERTIFIED ENGINEERING GEOLOGIST
MICHAEL O. SPIRA
No. 1976
STATE OF CALIFORNIA

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Appendix A – Logs of Exploratory Borings
Appendix B – Results of Laboratory Testing
Appendix C – Seismic Demand
Appendix D – Liquefaction Evaluation
Appendix E – CEQA Environmental Checklist Form, Section VII: Geology and Soils

1. INTRODUCTION

This report presents the results of Tetra Tech's geotechnical engineering evaluation and preliminary design recommendations for an 11.1-acre portion of Assessor's Parcel No. (APN) 144-0-110-590, located south of the existing Rio Del Valle Middle School (RDVMS). The property address is 2600 North Rose Avenue, Oxnard, California. The location of the site is shown in Figure 1 – Site Location Map.

The purpose of our investigation was to evaluate the subsurface conditions at the property and to provide preliminary recommendations for design and construction of the proposed improvements for the South Campus Expansion Project. Additionally, this report provides support for preparation of the California Environmental Quality Act (CEQA) site assessment.

This report includes a brief description of the proposed development, a discussion regarding the field exploration and laboratory testing, a description of subsurface conditions, a discussion on engineering seismology and geological hazards, and provides geotechnical conclusions and recommendations. The appendices to the report include logs of exploratory borings, results of laboratory tests, seismic demand, liquefaction evaluation and responses to the threshold questions established in Section VII – Geology and Soils of the Appendix G Environmental Checklist Form contained in the CEQA) Guidelines (California Code of Regulations, Title 14, Division 6, Chapter 3, Article 20). From a geotechnical viewpoint, for the final design of the project an evaluation will need to be performed to verify that the project is in full compliance with 2019 CBC Chapter 18A.

2. SCOPE OF SERVICES

Tetra Tech's scope of services for this project consisted of the following tasks:

- Review the provided environmental reports for the site.
- Review aerial photographs, geotechnical literature, geologic maps, and seismic hazard maps relevant to the subject site.
- Notify Underground Service Alert (USA) prior to drilling for clearance of underground utilities.
- Procure a drilling permit from the County of Ventura.
- Perform subsurface exploration consisting of drilling and sampling 2 soil borings to depths of 26.5 and 51.0 feet.
- Conduct laboratory testing of selected samples recovered from the exploratory borings to evaluate geotechnical properties of the on-site soils.
- Process and evaluate the collected geotechnical data for use in developing geotechnical recommendations including the following items:
    - General subsurface conditions and description of types, distribution, and engineering characteristics of subsurface materials;
    - Liquefaction potential and seismic settlement of the on-site granular materials;
    - Sensitivity of the on-site fine-grained materials;
    - Suitability of on-site soils for the support of structures;
    - Seismic design parameters in accordance with 2019 California Building Code (2019 CBC); and
    - Corrosion potential of the on-site soils to buried concrete and steel.
- Develop preliminary design and construction recommendations for the following items:
    - Shallow foundations including allowable bearing pressures, lateral resistance, and settlement estimates; and
    - Asphalt pavement and Portland cement concrete pavement sections for parking and approaching aprons at the site.
- Prepare this report documenting reference maps and illustrations, collected field and laboratory data, and preliminary geotechnical recommendations for the design and construction of the proposed development.

3. SITE DESCRIPTION

The site is an 11.1 acre rectangular-shaped parcel of land. The site is margined by North Rose Avenue to the northwest, the existing RDVMS campus to the northeast, by agricultural fields to the southeast and by Colins Street to the southwest. The site is relatively flat and gently sloping downward to the south-southeast. Surface elevations at the site vary from approximately 94 feet at the northwest corner of the site to 89 feet at the southeasterly portion of the site (Google Earth Imagery, 2022).

The site is currently being used for farming purposes. Associated with the farming activities are large green houses, dirt access roads, dirt-covered storage yards, and a single-story residence located at the center of the site. Improvements associated with the residence include a swimming pool, a yard, a parking area with a garage, a tool shed, overhead utility lines and poles, and an aggregate base-covered driveway that provides access from North Rose Avenue. We also understand that the residence is on a private septic system. An existing state water well (#02N22W26F02S) is also present on the site, east of the residence. Based on our review of the referenced literature, historical aerial photographs from as far back as 1947 (Historical Aerials by Netroline: https://www.historicaerials.com/viewer), and Google Earth images no other previous site use is known for the property.

4. PROJECT DESCRIPTION

The construction of the South Campus Expansion Project improvements will be conducted in phases and will include options for new classrooms, library and media center, transportation and parking facilities, and recreational facilities. The existing residence is to remain in place and is to be converted into an office. We understand that the residence will be tied into the public sewer system and the private sewage system will be abandoned. Also proposed at the southerly margin of the site is the construction of a stormwater infiltration basin. The locations of these various improvements, based on the latest conceptual plan provided at the time of writing, are shown schematically on Figure 2A- Conceptual Project Layout.

Neither site grading nor foundation plans have been prepared for the project at this time. However, we anticipate that future site grading will primarily involve minor cuts and fills to achieve future design surfaces. Future buildings will consist of both conventional structures built on a slab-on-grade and supported on shallow footings, and prefabricated modular buildings supported on a perimeter wall/strip footings. Once the actual location, configuration, dimensions of the buildings, and the foundation loads are developed, this office should be contacted to verify that the recommendations provided herein are still applicable and to prepare updated recommendations if needed and finalize this preliminary report. Furthermore, a final geotechnical investigation and report should be performed in accordance with 2019 CBC Section 18A.

5. FIELD INVESTIGATION

The subsurface soil and groundwater conditions beneath the site were explored by Tetra Tech on April 19, 2022 and included drilling, logging, and sampling of 2 exploratory hollow stem auger borings, B-1 and B-2. The locations of these borings are shown on Figure 2B – Boring Locations Map. Relevant boring information including latitude and longitude, approximate ground surface elevation, and exploration depth is included in Table 1 below.

Table 1
Boring Locations Information

Boring ID	General Location	Latitude (degrees)	Longitude (degrees)	Approximate Depth(ft)	Approximate Ground Elevation (ft)
B-1	West central portion of property	34.230845	-119.155019	51.0	91
B-2	Northwest portion of property	34.231589	-119.155542	26.5	93

Prior to initiation of the field exploration program, a field reconnaissance was conducted to observe surface conditions and to mark the locations of the planned subsurface explorations. Underground Service Alert was notified of the exploratory boring locations at least 48 hours prior to drilling. A drilling permit was obtained from the County of Ventura prior to performing the field work.

The borings were excavated using a truck-mounted CME 75 drill rig. The rig was equipped with 8-inch diameter hollow-stem augers. Bulk, driven California-type ring samples, and Standard Penetration Test (SPT) samples were collected during the drilling and transported to a laboratory for testing. The SPT sampler consisted of a 2-inch outside diameter, 1.4-inch inside diameter split barrel without liners, while the California-type sampler consisted of a 3-inch O.D., and a 2.4-inch I.D. split barrel. The interior of the California-type sampler was lined with 1-inch-long brass rings.

SPT testing was performed using an SPT sampler driven by an automatic 140-pound hammer with a drop of 30 inches in general accordance with ASTM D1586. The total number of hammer blows required to drive the sampler the final 12 inches is termed the "blow count." The hammer calibration record indicated an average energy transfer ratio of 81 percent. Ring-type samples were collected by driving the California-type sampler using the same equipment as for the SPTs. Sampling was generally carried out at 2.5- or 5-foot vertical intervals.

The borings were surface logged by a Geologist in general accordance with the visual-manual procedure for description and identification of soils per ASTM D2488. The Geologist prepared the recovered samples for subsequent reference and laboratory testing. At the completion of drilling, boring B-1 was backfilled with cement-bentonite grout and boring B-2 was backfilled with tamped soil cuttings per County of Santa Cruz requirements. All remaining excavated materials were dispersed on site. The exploratory boring logs are presented in Appendix A.

6. LABORATORY TESTING

Laboratory tests were performed on selected samples recovered from the borings to aid in the classification of soils and to evaluate pertinent engineering properties of the site soils. The following tests were performed:

- In-situ Moisture Content and Dry Density, ASTM D2937;
- Percent Passing #200, ASTM D1140;
- Atterberg Limits, ASTM D4318;
- Expansion Index, ASTM D4829;
- Consolidation, ASTM D2435;
- Direct Shear, ASTM D3080; and
- Corrosion Testing in Soils:
    - pH and resistivity, CTM 643;
    - Sulphates, CTM 417; and
    - Chlorides, CTM 422.

Laboratory testing was performed in general accordance with applicable ASTM Standards and California Test Methods. Results of all laboratory tests are presented in Appendix B. For ease of referral to the soil profile, selected laboratory results have been included on the boring logs in Appendix A.

7. GEOLOGIC AND SUBSURFACE CONDITIONS

Regionally, the site is located in Ventura County on the Oxnard Plain of the central Ventura Basin within the Western Transverse Ranges geomorphic province of California. This geomorphic province is distinguished by the prevailing east-west linear trend of its geologic structure and geomorphology in contrast to the predominant northwest-southeast trend of the geomorphic features within most other provinces of the state. The province is bounded by major faults, including the San Andreas Fault zone in the northeast, the Big Pine fault in the north and the Malibu Coast fault in the south. Most of the faults in Ventura County are reverse faults which dip to the north, including the Pine Mountain, Red Mountain, San Cayetano, Santa Susana, Simi, Ventura and Malibu Coast faults (Norris and Webb 1990).

The Ventura Basin is a large synclinal structure situated between the Santa Ynez Range and Topa Mountains on the north, the Channel Islands and the Santa Monica Mountains on the south, the San Gabriel Fault on the east, and extends to the western end of the Santa Barbara Channel (Norris and Webb 1990). Structure in the Oxnard Plain is characterized by a series of broadly folded west-trending and east-northeast–trending anticlines and synclines associated with thrust and reverse faults that formed in the Saugus Formation and may have also deformed the overlying older alluvium (California Department of Conservation, California Geologic Survey [CGS] 2002).

Locally, the site is situated in the Oxnard Plain sub-province. Lithologic units of sedimentary origin underlying the nearly flat Oxnard Plain are approximately 45,000 feet in thickness and consist of Upper Cretaceous, Tertiary, and Quaternary-age units which have been deposited on a pre-Upper Cretaceous base of igneous and/or metamorphic rock. As shown on Figure 3-Regional Geologic Map, the site is underlain by unconsolidated Holocene (last 11,000 years) alluvial sediments. These sediments were deposited during the post-glacial period associated with the ancient Santa Clara River and Calleguas Creek. These alluvial sediments can reach a depth of approximately 900 feet (Turner and Mukae 1975).

The subsurface soils encountered during Tetra Tech's field exploration consisted of artificial fill soils over native alluvial deposits. Detailed descriptions of the soil units encountered during our field exploration are presented below and in the boring logs presented in Appendix A.

7.1. Undocumented Artificial Fill (af)

Shallow undocumented artificial fill soils associated with agricultural activity are present throughout the site. These fills were generated from the tilling of the near surface native soil over the years as well as associated with drainage berms and other associated agricultural and residential improvements. These fills consist of brown silty sands that are loose and damp. The fills were encountered down to a depth of roughly 2 feet but may be locally deeper in association with underground improvements.

7.2. Alluvium (Qha2)

Holocene-age alluvial deposits underlie the fill materials and were encountered to the maximum explored depth of 51 feet during our field exploration. The upper alluvial soils encountered generally consisted of fine-grained silty sands, that were brown, olive, light olive gray and yellowish-brown in color, very loose to loose in density, and damp to moist. Also included in the upper alluvial materials were sandy silt layers and occasional very thin organic rich seams. Below the upper alluvium, the encountered alluvial soils consisted primarily of poorly graded fine to coarse-grained sands with gravels that were light brownish gray in color, medium dense to very dense, and damp.

7.3. Groundwater

Groundwater was not encountered to the maximum explored depth of 51 feet during our field exploration. Based on the previous environmental reports prepared for the site by Tetra Tech (2021a and b), groundwater depth beneath the site during the period from 1972 through 2016 ranged from approximately 33 to 133 feet. These reported groundwater depths were based on data from the Fox Canyon Groundwater Management Agency. Our review of the Mapping by the State of California (California Department of Conservation, Division of Mines and Geology, 2002) for the Oxnard 7.5-minute Quadrangle indicates that the historic high groundwater level at the site is at a depth of about 20 feet (see Figure 4 – Historic High Groundwater Depth Map).

It should be noted that groundwater levels may fluctuate due to seasonal variations, rainfall, irrigation, or other factors. Evaluation of such factors is beyond the scope of this study. For our liquefaction analyses the historic high groundwater depth of 20 feet was utilized.

8. GEOLOGIC HAZARDS

8.1. General Seismic Setting

The Southern California region is known to be seismically active. Earthquakes occurring within approximately 60 miles of the project sites are considered capable of generating ground shaking of engineering significance to the proposed construction. The project area is located in the general proximity of seismically active faults, as shown on Figure 5 – Regional Faults and Seismicity Map.

The closest seismically active faults to the site include the Oak Ridge fault located approximately 2.2 miles north of the site, the Wright Road fault located approximately 3.1 miles northeast of the site, and the Simi Santa Rosa fault located approximately 3.2 miles east of the site. The San Andreas fault is the most significant fault in the area in terms of Maximum Magnitude and is located approximately 42 miles southwest of the site. Table 2 summarizes known seismically active faults within a distance of approximately 40 miles from the project site as identified by the USGS Quaternary Fault Database and in the 2008 National Seismic Hazard Maps (https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf and https://earthquake.usgs.gov/cfusion/-hazfaults_2008_search/query_main.cfm).

Table 2
Summary of Active Faults
Referenced Site Latitude and Longitude: 34.230770 °, -119.154630 °

Fault Name	Approximate Fault Distance to Site (miles)	Slip Sense	Maximum Moment Magnitude
Oak Ridge	2.17	reverse	7.40
Wright Road[1]	3.1	Unspecified	
Simi-Santa Rosa	3.22	strike slip	6.90
Pitas Point-Ventura	5.74	reverse	7.30
Red Mountain	11.37	reverse	7.40
San Cayetano	14.22	thrust	7.20
Mission Ridge-Arroyo Parida-Santa Ana	15.3	reverse	6.90
Channel Islands Thrust	15.45	thrust	7.30
North Channel	16.68	thrust	6.80
Santa Monica Connected alt 2	17.64	strike slip	7.40
Anacapa-Dume, alt 2	17.64	thrust	7.20
Malibu Coast, alt 1	17.92	strike slip	6.70
Santa Cruz Island	18.14	strike slip	7.20
Pitas Point (Lower)-Montalvo	18.99	thrust	7.30
Santa Ynez Connected	20.73	strike slip	7.40
Santa Susana, alt 1	23.83	reverse	6.90
Holser, alt 1	27.01	reverse	6.80
Northridge	28.34	thrust	6.90
San Gabriel	34.49	strike slip	7.30
Santa Monica, alt 1	36.97	strike slip	6.60
Palos Verdes Connected	38.64	strike slip	7.70
Sierra Madre Connected	39	reverse	7.30
S. San Andreas: PK+CH+CC+BB+NM+SM+NSB+SSB+BG+CO	41.84	strike slip	8.18

[1] Information from https://maps.conservation.ca.gov/cgs/EQZApp/app/

8.2. Historical Earthquakes

The project area is located in the general proximity of several active faults, as shown on Figure 5. A large amount of seismic activity and associated events with their epicenters have been recorded

surrounding the project site with magnitude of M_w 5 or greater. Table 4 summarizes historic earthquakes with a magnitude greater than M_w 6.0 within a distance of approximately 60 miles from the project site obtained using the USGS Earthquake Catalog (https://earthquake.usgs.gov/earthquakes/search/). The most significant historic earthquakes near the project site are the 1994 Northridge earthquake and the Cajon Creek earthquake.

Table 3
Historic Earthquakes in Southern California
Referenced Site Latitude and Longitude: 34.230770 °, -119.154630 °

Earthquake Name	Year	Fault and Fault Type	Earthquake Magnitude*	Epicenter	
				Latitude	Longitude
Northridge	1994	Northridge Thrust (blind thrust) (a.k.a. Pico Thrust)	6.7 M_w	34.21°N	-118.54°W
San Fernando	1971	San Fernando fault (thrust)	6.5-6.7 M_w	34.42°N	-118.37°W
Grapevine	1952	Pleito fault zone (thrust)	7.5 M_w	34.96°N	-119.00°W
Santa Barbara	1925	Oak Ridge fault (thrust)	6.8 M_w	34.30°N	-119.80°W
Oxnard	1922	Simi Santa Rosa (reverse)	6.5 M_w	34.21°N	-119.14°W
Santa Barbara Channel	1812	Channel Islands Western Deep Ramp (thrust)	7.1 M_L	34.20°N	-119.90°W

Notes:
* M_w refers to Moment Magnitude scale
M_L refers to Local Magnitude scale

8.3. Seismic Hazards and Surface Fault Rupture Potential

The engineering seismology study for the subject site included reviewing local and regional fault maps, reviewing historical earthquake data, and reviewing regulatory maps prepared by the State and local governing agencies. Specifically, the following engineering seismology issues were addressed:

8.3.1. Seismic Hazards

The Seismic Hazards Mapping Act (SHMA) of 1990 directs the California Geological Survey (CGS, formerly California Department of Conservation, Division of Mines and Geology (CDMG)) to identify and map areas prone to earthquake hazards of liquefaction, earthquake-induced landslides and amplified ground shaking.

Maps of seismic hazard zones are issued by the California Geological Survey (CGS, formerly California Department of Conservation, Division of Mines and Geology (CDMG)) in accordance with the Seismic Hazards Mapping Act enacted in April 1990. The intent of the SHMA is to provide for a statewide seismic hazard mapping and technical advisory program to assist cities and counties in developing compliance requirements to protect the public health and safety from the effects of strong ground shaking, liquefaction, landslides, or other ground failure and other seismic hazards caused by earthquakes.

Based on the Official Seismic Hazard Zone Map, released December 20, 2002, for the Oxnard 7.5-Minute Quadrangle, the proposed development is located within an area identified by the State of California as subject to the hazard of liquefaction. The site is also located within an area mapped as subject to liquefaction potential according to the Ventura County Technical Guidance Manual (TGM) for Stormwater Quality Control Measures (Geosyntec, 2011), Figure B-16. The site is not located within an area identified by the State of California as subject to the hazard of seismically induced landslides (see Figure 6 – Seismic Hazard Zones Map).

8.3.2. Surface Fault Rupture

Earthquake Fault Zones (known as Special Studies Zones prior to 1994) are regulatory zones established in accordance with the Alquist-Priolo Special Studies Zones Act enacted in 1972. The Act directs the State Geologist to delineate regulatory zones that encompass surface traces of all potentially and recently active faults that constitute a potential hazard to structures from surface faulting or fault creep. The purpose of the Alquist-Priolo Act is to regulate development near active faults in order to mitigate the hazard of surface fault rupture.

Based on our field exploration and literature review there are no known surface traces of any active or potentially active faults that pass directly through or project towards the site. The closest faults that have been zoned for surface fault rupture potential by the California Geological Survey are the Wright Road Fault located approximately 3.1 miles northeast of the site and the Simi-Santa Rosa Fault Zone located approximately 3.2 miles east of the site (https://maps.conservation.ca.gov/cgs/EQZApp/app/). Therefore, the potential for surface rupture due to faulting occurring beneath the site is considered low.

8.4. Liquefaction Potential and Dynamic Settlement Assessment

The site, as previously discussed, is within an area identified by the State of California as subject to the hazard of liquefaction. Liquefaction of soils can be caused by ground shaking during earthquakes and is generally known to occur in saturated or nearly saturated cohesionless soils at depths shallower than about 50 feet. Research and historical data indicate that loose, relatively clean granular soils and low plasticity silts are susceptible to liquefaction whereas the stability of clayey silts, silty clays and clays are not typically adversely affected by ground shaking.

Dynamic settlement can occur in both unsaturated and saturated sands when loose to medium-dense granular soils tend to undergo contractive volumetric changes during ground shaking. The following sections present our assessment of liquefaction potential and dynamic settlement at the site.

8.4.1. Groundwater Level for Liquefaction Analysis

For the liquefaction analysis a groundwater depth of 20 feet was used based on the historic high groundwater as discussed in the Groundwater section of this report.

8.4.2. Liquefaction Seismic Demand

Based on the Structural Engineers Association of California (SEAOC) and the Office of Statewide Health Planning and Development (OSHPD) website application (https://seismicmaps.org/) the seismic demand was evaluated for the site with latitude 34.230770° and longitude -119.154630°. The mapped Geometric Mean Peak Ground Acceleration (PGA_M) for a ground motion corresponding to the Maximum Considered Earthquake (MCE) for a Site Class D was determined to be 0.891g. From the USGS Seismic Hazard Interactive Deaggregation website (https://earthquake.usgs.gov/hazards/interactive/) this ground motion corresponds approximately to a predominant earthquake with a magnitude of M_w 7.5. The largest contributors to the seismic hazard at the site are the Oak Ridge fault located about 2.2 miles northwest of the site, the Pitas Point-Ventura fault located about 5.7 miles northwest from the site, and the Simi-Santa Rosa fault located about 3.2 miles east of the site. These ground motion parameters were used in the liquefaction analyses. A summary of the seismic demand parameters is presented in Appendix C.

8.4.3. Evaluation of Liquefaction Potential and Sensitivity Analyses

The analyses were based on SPT blowcounts obtained from the 2 exploratory borings and laboratory test results. The field SPT blowcounts were converted considering the energy ratio correction factor C_E of 1.35 as indicated by the hammer calibration records. The borehole diameter factor C_B of 1.0 was used per SP117 based on the internal diameter of the hollow stem auger system used during drilling. The blowcounts recorded for soils driven with the 3-inch O.D. California-type sampler with brass rings were converted to equivalent SPT blowcounts using a reduction factor of 0.7 as recommended by SP117.

The liquefaction potential of cohesionless (sandy) soils was evaluated in general accordance with the procedure published by Boulanger and Idriss and (2014) and in conformance with SP117A. The anticipated dynamic settlement of the saturated soils was evaluated using procedure by Yoshimine et al. (2006) which was further adjusted by a calibration factor of 0.9 as recommended by Cetin (2009).

Seismic sensitivity of fine-grained soils was evaluated based on the following 3 categories:

1. Soils with Plasticity Index < 7 (typically silts) are classified as fine-grained soils susceptible to liquefaction like coarse-grained soils.

2. Soils with Plasticity Index > 18 and a degree of sensitivity $S_t > 6$ are classified as seismically sensitive soils susceptible to significant loss of strength during seismic shaking and require additional evaluation. The sensitivity of the on-site fine-grained soils was evaluated based on the water content, Atterberg limits, and effective vertical stresses using the procedures suggested by Terzaghi, Peck and Mesri (1996).

3. Fine-grained soils falling outside the two categories described above are considered to behave like clays and are not considered susceptible to liquefaction or cyclic softening.

Evaluation of the liquefaction potential of granular soils and fine-grained soils with Plasticity Index less than 7 are presented in Appendix D and are summarized in Table 4 in the next section of the report. Evaluation of the sensitivity of the saturated fine-grained soils (i.e., Category 2) to ascertain the potential for cyclic softening was not performed since the fine-grained materials were encountered above the historic high groundwater depth of 20 feet. Therefore, the fine-grained soils encountered in the borings are not considered to be susceptible to cyclic softening during the design earthquake event.

8.4.4. Dynamic Settlement

Dynamic settlement can occur in both unsaturated and saturated sands when loose to medium-dense granular soils undergo volumetric changes during ground shaking. Dynamic settlement can occur in saturated sands due to liquefaction or in unsaturated sands due to densification of the soil matrix. The anticipated dynamic settlement of the saturated soils at the site was evaluated using SPT data from the current field exploration in accordance with the procedures outlined by Yoshimine et al (2006) and Cetin (2009).

The unsaturated dynamic settlement was calculated based on SPT data according to the procedure outlined by Pradel (1998a and 1998b). Table 4 presents the results of the liquefaction analyses and corresponding settlement evaluation as well as the dynamic settlement of unsaturated soils. Details of dynamic settlement analyses are presented in Appendix D.

As shown in Table 4, the total (combined) dynamic settlement was estimated to be about 1.4 inches. The differential seismic settlement was estimated to be 0.7 inches or less over a horizontal distance of 30 feet. Therefore, structural mitigation of the total and differential seismic settlement is considered acceptable for the project design.

Table 4
Results of Liquefaction and Dynamic Settlement Analyses

Boring No.	Groundwater Depth (feet)	Liquefiable Zone Depth Interval (feet)	FS_{liq}	Approximate Dynamic Settlement (inches)		
				Saturated Soils (liquefaction)	Unsaturated Soils	Combined
B-1	20	20-30	0.74-0.99	1.0	0.2	1.2
B-2		Not liquefiable	n/a	0	1.4	1.4

8.5. Lateral Spreading

Due to the level topography and the absence of free face slopes lateral spreading is not considered to be a hazard at the site.

8.6. Landslide Hazard

The site is not located within a State designated hazard zone for earthquake-induced landslides. Due to the level topography the potential for landslides is not considered a hazard to the site.

8.7. Expansive Soils

Expansive soils are characterized by their ability to undergo significant volume changes (shrink or swell) due to variations in moisture content. Changes in soil moisture content can result from precipitation, landscape irrigation, utility leakage, roof drainage, perched groundwater, drought, or other factors which can cause unacceptable settlement or heave that could negatively affect the performance of structures or slabs supported on grade.

Expansion Index (EI) testing of the surficial materials within the upper 5 feet of sandy materials showed an EI of 1 for 1 sample and of 0 for another sample, indicating that the surficial soils are not expansive. The site is also located within an area mapped as having low expansion potential according to the Ventura County TGM for Stormwater Quality Control Measures (Geosyntec, 2011), Figure B-16. Thus, expansive soils are not considered a hazard to the site.

8.8. Collapsible Soils

The phenomenon of hydro-consolidation is typically exhibited in geologically young, unconsolidated, low-density, loose, dry soils commonly present in arid to semi-arid regions. Collapsible soils are usually composed of granular particles that are supported by a clay or silt matrix that can be chemically cemented in place creating a porous structure. The bonds supporting this porous structure have enough shear strength to support loads at low moisture contents, however, once water is introduced the cemented bond structure breaks down and the granular particles are re-arranged causing significant volume loss. Based on the consolidation testing it was observed that only one sample out of 3 samples exhibited a minimal amount of collapse upon (0.16%). Therefore, collapsible soils are not considered a hazard to the site.

8.9. Oil and Gas Fields

The site is not located within an oil field according to the State of California Department of Conservation's Division of Oil, Gas and Geothermal Resources Map (https://maps.conservation.ca.gov/doggr/wellfinder/).

8.10. Flood Hazard

The project site is not located within an area mapped by the California Department of Water Resources within the 100-year, 200-year, or 500-year projected floodplains (https://gis.bam.water.ca.gov/bam/).

8.11. Tsunamis and Seiches

A tsunami is a sea wave generated by large-scale displacements of the ocean floor that causes a sudden surge of water onto the land. Tsunamis are most commonly caused by movement along faults and underwater landslides activated by earthquakes. Seiches are earthquake-induced displacements of water within an enclosed body of water such as a lake. Strong ground motions from an earthquake cause the water to slosh back and forth onto land. The site is elevated 89 feet and more above sea level and is located at a substantial distance from a significant body of water within an enclosed basin. The site is also not located within a Tsunami Inundation Area, based on our review of the State of California-County of Ventura Tsunami Inundation Map for Emergency Planning for the Oxnard Quadrangle, dated February 15, 2009 https://maps.conservation.ca.gov/cgs/informationwarehouse/ts_evacuation/. Therefore, geologic hazards associated with a tsunami or seiches are not anticipated at the site.

8.12. Reservoir Failure Inundation

A dam that stores more than 1,000 acre-feet of water, is higher than 150 feet, and has the potential to cause downstream property damage is classified as a high hazard dam by FEMA. A review of Section 2.11 and Figures 2.11.1 and 2.11.2 of the Ventura County General Plan, Hazards Appendix (County of Ventura, 2013) and Section 4.3.3.1 and Tables 4-5, 4-6, and 4-7, and Figure 4-3 of the Multi-Jurisdictional Hazard Mitigation Plan for Ventura County, California (County of Ventura, 2005) indicates that there are four major reservoirs in the Santa Clara River watershed upstream of the site that are FEMA high hazard dams. These dams include the Santa Felicia Dam, Castaic Dam Pyramid Dam and Bouquet Canyon Dam. Based on their respective inundation maps, only the Castaic Dam and the Pyramid Dam would inundate the site area in the event of a reservoir failure. Information for these two dams is summarized below:

- Castaic Dam. The Castaic Dam is operated by the California Department of Water Resources (CDWR), can hold up to 325,000 acre-feet of water, and is located on Castaic Creek approximately 45.5 miles upstream of the site. Data provided by the CDWR indicates that the site would be inundated by flood waters in about 4 hours and 15 minutes after a failure of the Castaic Dam (CDWR, 2018a).

- Pyramid Dam. The Pyramid Dam is operated by the CDWR, can hold up to 179,000 acre-feet of water, and is located on Piru Creek approximately 20 miles upstream of the Santa Felicia Dam and approximately 56 miles upstream of the Site. Data provided by the CDWR indicates that the site would be inundated the site in about 5 hours and 15 minutes after a failure of the Pyramid Dam (CDWR, 2018b).

The need for dam failure disaster planning was demonstrated by the midnight collapse in March 1928 of the St. Francis Dam in Los Angeles County, which occurred after the newly constructed cement arched dam was completely filled for the first time. The ensuing flooding from the dam's total collapse resulted in the loss of over 400 lives in Ventura County as floodwaters washed out homes and structures along the banks of the Santa Clara River. The communities of Piru, Fillmore, Santa Paula, Bardsdale, Saticoy, Montalvo and El Rio, where the site is located, sustained extensive life and property loss from the flood (County of Ventura, 2013).

More recently, the San Fernando Earthquake in 1971 resulted in ground shaking in the vicinity of the Van Norman Dam in Los Angeles County. As a result of the earthquake, structural damage threatened the dam's immediate collapse. Approximately 80,000 residents in the San Fernando Valley had to be evacuated to areas of safety during many other earthquake-related emergencies (County of Ventura, 2013).

The California's Dam Safety Act (Section 8589.5 California Emergency Services Act) requires the preparation of dam inundation maps showing areas of potential flooding in the event of sudden or total dam failure as well as emergency procedures for notification and evacuation of nearby residents (County of Ventura, 2013).

In Ventura County, disaster coordination and planning is the responsibility of the Sheriff's Department through its Office of Emergency Services (OES). Within California's emergency management organizational structure, each county serves as an Operational Area. In this role, Sheriff's OES acts as an agent between Cal OES and the cities (including the City of Oxnard), special districts and unincorporated areas of Ventura County. OES is responsible for countywide disaster planning, mitigation, response and recovery activities. The OES serves as the depository for the County's Dam Inundation Maps and is charged with ongoing maintenance of the County's Dam Failure Response Plan which was adopted by the Board of Supervisors on September 13, 1983. The Dam Failure Response Plan was currently updated by the OES during 2013 (County of Ventura, 2013).

8.13. Subsidence

Land subsidence is the lowering of the ground surface due to extraction or lowering of groundwater water levels or other fluids within the subsurface soil pores. The fluid withdrawal causes the alluvial sediments in the basin to compact. Damage caused by subsidence can be visible soil cracks, fissures, or surface depression. The site is located in an area mapped by the United States Geological Survey (USGS) where either historical or current subsidence has been recorded due primarily to groundwater pumping. (https://ca.water.usgs.gov/land_subsidence/california-subsidence-areas.html). Provided that groundwater management strategies that include subsidence mitigation through an existing groundwater recharge program continue to be employed in the area, ground subsidence beneath the site that could result in damage to future site improvements is unlikely to occur at the site.

9. CEQA SECTION VII

The following information is being provided to support each of the responses to the threshold questions established in Section VII – Geology and Soils of the Appendix G Environmental Checklist Form of the CEQA Guidelines Title 14, Division 6, Chapter 3, Article 20. The completed Checklist Form is included in Appendix E of this document. For ease of reference, the original questions from the CEQA questionnaire and the corresponding responses are included below:

a. Would the project directly or indirectly cause substantial adverse effects, including the risk of loss, injury, or death involving:

i. Rupture of a known earthquake fault as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

Response: No impact.

Earthquake Fault Zones (known as Special Studies Zones prior to 1994) are regulatory zones established in accordance with the Alquist-Priolo Special Studies Zones Act enacted in 1972. The Act directs the State Geologist to delineate regulatory zones that encompass surface traces of all potentially and recently active faults that constitute a potential hazard to structures from surface faulting or fault creep. The purpose of the Alquist-Priolo Act is to regulate development near active faults in order to mitigate the hazard of surface fault rupture.

Based on our field exploration and literature review there are no known active faults that pass directly through or project towards the site. The closest faults that have been zoned for surface fault rupture potential by the California Geological Survey at this time are the Wright Road Fault located approximately 3.1 miles northeast of the site and the Simi-Santa Rosa Fault Zone located approximately 3.2 miles east of the site (https://maps.conservation.ca.gov/cgs/EQZApp/app/). Therefore, the potential for surface rupture due to faulting occurring beneath the site is considered low.

ii. Strong seismic ground shaking?

Response: Less than significant impact with mitigation incorporated.

Justification: Southern California is known to be seismically active. Earthquakes occurring within approximately 60 miles of the site are generally capable of generating ground shaking of engineering significance to the proposed construction. The project area is located in the general proximity of several active and semi active faults as shown in Figure 5 – Regional Faults and Seismicity Map. The San Andreas fault is the most significant fault in the area in terms of Maximum Magnitude and is located approximately 42 miles northeast of the site. The closest seismically active faults to the site include the Oak Ridge fault located approximately 2.2 miles north of the site, the Wright Road fault located approximately 3.1 miles northeast of

the site, and the Simi Santa Rosa fault located approximately 3.2 miles east of the site. Based on the SEAOC / OSHPD website application (https://seismicmaps.org/), the Peak Ground Acceleration (PGA) from the Design Response Spectrum at the site is approximately 0.49g. Based on review of the Ventura County 2040 General Plan (VCGPU, 2020), City of Oxnard is located in an area with strong ground shaking potential. Although strong ground shaking is a hazard at the site, this effect will be mitigated since all structures and foundations at the site will be designed to accommodate the ground motions incorporated into the Design Acceleration Response Spectrum per 2019 California Building Code (CBC).

iii. Seismic-related ground failure, including liquefaction?

Response: Less than significant impact with mitigation incorporated.

Justification: Maps of seismic hazard zones are issued by the California Geological Survey (CGS, formerly California Department of Conservation, Division of Mines and Geology (CDMG)) in accordance with the Seismic Hazards Mapping Act enacted in April 1997. The intent of the Seismic Hazards Mapping Act is to provide for a statewide seismic hazard mapping and technical advisory program to assist cities and counties in developing compliance requirements to protect the public health and safety from the effects of strong ground shaking, liquefaction, landslides, or other ground failure and other seismic hazards caused by earthquakes.

Based on the review of the Oxnard Official Map of Seismic Hazard Zones released November 17, 2000 (Figure 6 – Seismic Hazard Zones Map), the subject property is located within an area identified by the State of California as subject to the hazard of liquefaction. The site is also located within an area mapped as subject to liquefaction potential according to the Ventura County Technical Guidance Manual (TGM) for Stormwater Quality Control Measures (Geosyntec, 2011), Figure B-16. Subsurface soils within a depth of 20 to 30 feet were encountered to be susceptible to liquefaction. The total seismic settlement was estimated as 1.4 inches, with 0.7 inches of differential settlement over 30 feet, which can be mitigated with a proper structural design.

iv. Landslides?

Response: No impact.

Justification: Based on the review of the Oxnard Quadrangle Official Map of Seismic Hazard Zones released November 17, 2000, the proposed development is not located within an area identified by the State of California as subject to the hazard of landslides due to seismic shaking (see Figure 6 – Seismic Hazard Zones Map).

b. Result in substantial soil erosion or the loss of topsoil?

Response: No impact.

Justification: The proposed project site is generally level and is currently utilized and maintained for agricultural purposes. The proposed development will include grading with proper drainage, and the construction of buildings, paved parking and green areas that will minimize soil erosion.

c. *Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?*

Response: Less than significant impact with mitigation incorporated.

Justification: The site is not subject to landslide hazard. As discussed above, the estimated liquefaction settlements can be mitigated with proper structural design and given their relatively low magnitude (less than 0.7 inches of differential settlement over 30 feet) collapse is not expected to occur. Since liquefaction is estimated to take a place at a depth of 20 to 30 feet, and due to the relatively flat topography, lateral spreading is not considered to be a hazard to the site. Subsidence is considered a hazard at this site. Provided that groundwater management strategies that include subsidence mitigation through an existing groundwater recharge program continue to be employed in the area, ground subsidence beneath the site that could result in damage to future site improvements is unlikely to occur at the site.

d. *Be located on expansive soil as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?*

Response: No impact.

Justification: Soils at the site are not expansive.

e. *Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?*

Response: No impact.

Justification: This item is not applicable since there are no septic tanks or alternative wastewater disposal systems proposed for the development.

f. *Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?*

Response: No impact.

Justification: There are no known paleontological resources or unique geologic features at the site that could be destroyed.

10. DESIGN RECOMMENDATIONS

10.1. General

Based on the results of the field explorations and engineering analyses, the proposed school facilities are considered to be feasible from a geotechnical standpoint. Preliminary recommendations for foundations and pavements are presented herein.

The design recommendations presented below are based on Tetra Tech's current understanding of the project and the subsurface conditions of the site. The designer will need to consider the estimated total and differential settlement values presented in this report in the design of foundations.

Once the project configuration is finalized, a final geotechnical investigation and report should be performed in accordance with 2019 CBC Chapter 18A.

10.2. Site Preparation

The following sections present recommendations to prepare the site before the building foundations are built.

10.2.1. Clearing and Grubbing

Prior to commencement of the earthwork, the surface of areas to be graded should be cleared of any pavement, vegetation, undocumented fills, existing structures, trash and debris. Any subterranean installations not to be preserved, such as electrical lines, pipes, utility collectors, tanks, etc., should be relocated and/or abandoned in accordance with the recommendation of the Geotechnical Engineer and applicable regulations.

10.2.2. Subgrade Preparation

In order to create uniform and competent bearing conditions for the proposed building mat foundation and other site improvements, removal of undocumented existing fills and other unsuitable materials should be performed in accordance with the recommendations provided below.

- School Buildings areas. Slab-on-grade and foundation areas should be overexcavated and recompacted to depths of at least 3 feet below the existing grade 2 foot below the foundation bottom, 1 foot below the slab bottom, or to competent native soils, whichever is deeper. Whenever practical, the excavation should extend a horizontal distance of at least 5 feet beyond the outside perimeter of the structure.

- Pavement and flatwork areas should be overexcavated and recompacted to a depth of at least 2 feet below the proposed subgrade or to uniform competent soils, whichever is deeper. To the extent practicable, the zone of overexcavation should extend a horizontal distance of at least 1 foot beyond the flatwork or pavement perimeter.

- Disturbed soils in structural and non-structural areas will likely occur after demolition of existing site improvements or during overexcavation. The disturbed soils should be overexcavated and recompacted to the total depth of the disturbed material.

The exposed overexcavation subgrade should be probed and accepted by the Geotechnical Engineer. The soils should be scarified to a depth of 6 inches, moisture-conditioned to at least 110 percent of the optimum moisture content and recompacted to at least 90 percent relative compaction (ASTM D1557).

Localized zones of loose and/or unstable soils may be encountered during the grading operations at the subgrade level and should be overexcavated and recompacted. If loose/soft/wet areas are encountered that are not practical to be excavated and processed, Table 5 below provides options for stabilizing the subgrade. The objective is to produce an acceptable subgrade with a thickness of at least 3 feet and 2 feet of competent fill to bridge over the impacted area for near-surface, foundations, and for pavements, respectively. The specific type of remediation and associated area limits will need to be evaluated in the field by the Geotechnical Engineer.

Table 5
Conceptual Options for Handling Unstable Materials at the Excavated Subgrade

Areas where the soils are soft and/or unstable at the excavation subgrade	• Overexcavate at least 3 feet for foundations, 2 feet for pavement areas • Stabilize the soft subgrade by working open-graded aggregate material (typically 3/4" or 1.5" crushed rock, coarser for softer subgrade) at least 4 to 6 inches into the soil. • Place woven geotextile, Mirafi RS580i or approved equivalent, over the stabilized subgrade. • Place and compact well-graded fill (e.g., AB, CMB) or general approved backfill material to specified compaction over the geotextile.
Larger areas where the soils are excessively soft and/or unstable	• Overexcavate at least 3 feet for foundations, 2 feet for pavement areas • Improve the soft subgrade by working in open-graded aggregate material as much as possible/practical into the subgrade. • Place woven geotextile, Mirafi RS580i or approved equivalent, over the exposed soil. • Place at least 8 inches (12-18 inches preferred) of well graded aggregate material (e.g., AB, CMB); only reasonably achievable compaction is required. • Place woven geotextile, Mirafi RS580i or approved equivalent, over the aggregate layer. • Place and compact fill to specified compaction over the geotextile.

10.2.3. Fill Placement

On-site sandy soils used for the replacement of overexcavated soils, fill placed to achieve finish grade or subgrade, or utility trench backfill should be moisture-conditioned at least 110 percent west of the optimum moisture content and compacted to at least 90 percent relative compaction (ASTM D1557). Silty or clayey soils should be moisture-conditioned to a minimum of 125 percent of optimum moisture content and compacted to at least 90 percent relative compaction. The upper 1 foot of soils below pavements, gravel roads, and any flatwork should be compacted

to at least 95 percent relative compaction. Fill should be placed in horizontal lifts not more than 8 inches in loose, uncompacted thickness.

Excavated on-site soils may be re-used as compacted fill, provided they are free of organics, deleterious materials, debris, and particles over 3 inches in largest dimension. Locally, particles up to 6 inches in largest dimension may be incorporated in the fill soils during grading based on specific approval and placement recommendations provided by the Geotechnical Engineer.

In the event that any soil materials are imported to the site, such soils should be sampled, tested, and approved by the Geotechnical Engineer of Record prior to arrival on-site. In general, any soils imported to the site for use as fill should be predominantly granular and have an Expansion Index less than 20. Import materials should be moisture-conditioned to at least 110 percent of the optimum moisture content and compacted to at least 90 percent of relative compaction per ASTM D1557. Additional recommendations for site grading are provided in the General Site Grading Recommendations section of this report.

10.3. Existing Building

The proposed site development will involve converting the existing residence to an office. It is recommended that any structural modifications to the building be reviewed by the Geotechnical Engineer in order to assess the proposed modifications from a geotechnical standpoint.

10.4. Excavation Characteristics, Temporary Slopes and Trench Excavations

The on-site soils are not expected to pose excavation difficulties, and therefore conventional earth-moving equipment can be used. It is anticipated that all excavations to reach subgrade level can be performed as sloped excavations, i.e., without the need for shoring. Where space for sloped sides is not available and shoring will be required, Tetra Tech can provide appropriate shoring recommendations.

All excavations should be performed in accordance with CalOSHA regulations. The on-site soils may be considered a Type C soil to a depth of 20 feet as defined the current CalOSHA soil classification.

Sides of temporary, unsurcharged excavations in dry conditions should be sloped back at an inclination of 1.5(H):1(V) or flatter.

Stockpiled (excavated) materials should be placed no closer to the top of an excavation than a distance defined by a line drawn upward from the bottom of the trench at an inclination of 1(H):1(V), but no closer than 4 feet. A greater setback may be necessary when considering significant surcharge loads such as heavy vehicles, concrete trucks and cranes. Tetra Tech should be advised of such heavy surcharges so that specific setback requirements can be established. Alternatively, a shoring system may be designed to allow reduction in the setback distance.

The Geotechnical Engineer should observe the excavation progress so that appropriate modifications to the excavation design may be recommended, if necessary, due to conditions differing from the design assumptions.

10.5. Seismic Design Parameters

The project site is located in an area that is subject to the hazard of liquefaction. Therefore, per ASCE 7-16 Section 20.3.1, the site needs to be defaulted as Site Class F and seismic design parameters need to be obtained by a site response analysis performed in conformance with ASCE 7-16 Section 21.1. However, ACSE 7-16, Section 20.3.1 provides an exception for structures having fundamental periods of vibration equal to or less than 0.5s, where site response analysis is not required for liquefiable soils and the site class may be determined in accordance with Section 20.3, in which case this site may be classified as a Site Class D. Although it is expected that this exception is applicable to the proposed construction, the structural engineer needs to verify that the natural period of the structures meets this condition. Alternatively, this office can perform the site response analysis under a separate scope and budget.

The seismic design coefficients provided below in Table 6 are based on Chapter 16A Section 1613A of the 2019 CBC and obtained from the Structural Engineers Association of California (SEAOC) and the Office of Statewide Health Planning and Development (OSHPD) website application (https://www.seaoc.org/page/seismicdesignmaptool). According to ASCE 7-16 Section 11.4.8, a site-specific ground motion hazard analysis shall be performed if structures on Site Class D have an S_1 greater than or equal to 0.2 unless the seismic coefficient *Cs* determined by Equation (12.8-2) is used for values of $T <= 1.5\ T_s$ and taken as equal to 1.5 times the value computed in accordance with either Equation (12.8-3) for $T_L >= T > 1.5\ T_s$ or Equation (12.8-4) for $T > T_L$. Tetra Tech can provide site-specific ground motion hazard analysis under a separate scope and budget.

Table 6
2019 CBC and ASCE 7-16 Seismic Design Parameters
Referenced Site Latitude and Longitude: 34.230770 °, -119.154630 °

Site Class Table 20.3-1 ASCE 7-16		D
Coefficients for the Maximum Considered Earthquake, MCE_R, for Site Class B	Short Period (0.2 seconds), S_S	1.842*
	1 Second Period, S_1	0.685*
Coefficients for the Maximum Considered Earthquake, MCE_R (Site Modified)	Short Period (0.2 seconds), S_{MS}	1.842*
	1 Second Period, S_{M1}	1.165**
Coefficients for the Design Earthquake	Short Period (0.2 seconds), S_{DS}	1.228*
	1 Second Period, S_{D1}	0.776**
Design PGA (risk-targeted maximum rotated direction)		0.491g*
Site Modified Peak Ground Acceleration PGA_M (geometric mean)		0.891g*

* Values obtained from Structural Engineers Association of California (SEAOC) and the Office of Statewide Health Planning and Development (OSHPD) website application, https://www.seaoc.org/page/seismicdesignmaptool **based on ASCE7-16 and 2018 International Building Code**.
** See requirements for site-specific ground motions in Section 11.4.8 of ASCE 7-16.

10.6. Foundations

The proposed structures can be supported on footings established on subgrade prepared in accordance with recommendations provided in "Site Preparation" section of this report. Foundations should be designed and reinforced in accordance with the recommendations of the Structural Engineer and should conform to the 2019 CBC.

10.6.1. Design Parameters for Footings

Footings for the proposed structures can be designed based on the parameters presented in Table 7.

Table 7
Geotechnical Design Parameters
Continuous and Spread Footings

Continuous Strip Footings	
Dimensions (feet)	• At least 18 inches wide but less than 4 feet wide
Depth of Embedment	• Embedded at least 2 feet below the lowest adjacent grade
Allowable Bearing Pressure	• 2,800 psf
Spread Footings	
Dimensions (feet)	• At least 24 inches wide but less than 6 feet wide
Depth of Embedment	• At least 18 inches below the lowest adjacent grade
Allowable Bearing Pressure	• 3,300 psf
All Footings	
Allowable Bearing Pressure for Transient Live Loads	• The allowable bearing pressure value may be increased by one-third for transient live loads from wind or seismicity.
Estimated Settlement	• Approximate 1 inches of static settlement. • Approximate 1.4 inches of dynamic settlement • Approximate combined (static plus dynamic) differential settlement of 1.2 inches between supports or over a distance of 30 feet (0.5 inches of static differential settlement, and 0.7 inches of dynamic differential settlement).
Allowable Coefficient of Friction (incorporates Factor of Safety of 1.5)	• 0.3 concrete on soil
Allowable Lateral Passive Resistance (incorporates Factor of Safety of 2)	• 220 pcf (EFD, equivalent fluid density, for compacted fill with ϕ=34°) • The passive resistance derived of the upper 12 inches should be neglected.
Allowable Combined Lateral Resistance	• Total allowable resistance to lateral loads can be calculated by combining lateral resistance due to friction at the base and lateral passive resistance. • Passive resistance values may be increased by one-third when considering transient wind or seismic loading

10.7. Shallow Foundations Adjacent to Utility Trenches

The bottom of any trenches that are required for any buried utilities should be kept outside a zone defined by a 1(H):1(V) plane projected downward from the outside bottom edge of any existing or proposed foundation. Backfill materials and procedures shall conform to the recommendations provided in the Site Preparation and General Site Grading Recommendations section of this report. If any utilities need to be placed within the zone of influence, the utility conduit (pipes, cables) should be designed to account for the increased surcharge from the foundation pressures and to withstand potential differential settlement between the surcharged and unsurcharged segments of

the pipe. Generally, the utility conduits within the impacted zone should be protected by concrete encasement or utilidors.

For utility conduits that cross underneath foundations the piping and encasement should be designed to withstand differential settlements of up to 1 inch over a distance equal to half of the depth of the pipe crown below the bottom of the foundation element. Tetra Tech should be contacted to review any specific utility interaction configurations and their proposed mitigation.

10.8. Concrete Slabs-On-Grade

The recommendations provided in this section are intended to be used for the design of the slabs on grade for the specified geotechnical condition. Moreover, the recommendations provided in the "Site Preparation" section and in this section of this report are meant to provide a firm bearing subgrade to help reduce the occurrence of cracks in concrete and associated horizontal separation and vertical offset. However, it should be understood that concrete slabs may still crack due to structural design or detailing, curing, or construction execution even when these recommendations are implemented. Therefore, the concrete slab design is ultimately the responsibility of the Structural Engineer and/or Concrete Specialist who can account for all adverse factors and loading and provide reinforcement, concrete mix, and curing specifications to minimize their adverse effects.

10.8.1. Slab Design Parameters

All concrete slabs should be placed on subgrade prepared in accordance with the respective recommendations provided in the "Site Preparation" section of this report.

For design of concrete slabs on grade, a modulus of subgrade reaction k_1 on a 1-foot by 1-foot square plate of 115 pci may be used. For the on-site sandy soils within the upper 7 feet, the design modulus of subgrade reaction k in pci for a concrete rectangular element can be determined as:

$$k = k_1 \frac{(B+1)^2}{4B^2} \frac{1 + 0.5\frac{B}{L}}{1.5}$$

Where B and L is the governing width and length of the concrete element in feet, but no more than 14 times the thickness of the element.

Slabs-on-grade should have a minimum thickness of 5 inches and be reinforced with a minimum of No.4 reinforcing bars spaced at 18 inches on-center, each way, placed in the middle one-third of the section. The slab should be doweled into the perimeter footings to reduce the potential for differential movement. Reinforcement should be properly placed and supported on blocks or "chairs". Welded wire mesh reinforcement is not recommended.

All underslab materials should be adequately compacted prior to the placement of concrete. The materials should be dry or moist and not be wetted or saturated prior to the placement of concrete.

Care should be taken during placement of the concrete to prevent displacement of the underslab materials.

10.8.2. Moisture Vapor Mitigation for Floor Slabs

Tetra Tech does not practice in the field of moisture vapor transmission evaluation/mitigation. However, to assist with the preliminary selection of the appropriate slab underlayment system, Table 8 below provides alternatives for control of vapor transmission through floor slabs placed on a properly prepared subgrade. The provided alternatives are based on local experience and may be considered appropriate for standard applications. If moisture vapor transmission is considered a risk to use and operation of the proposed structure, a qualified specialist should be engaged to evaluate the general and specific moisture vapor transmission paths and to provide recommendations for mitigation of potential adverse impact of moisture vapor transmission on various components of the structure as deemed appropriate.

All underslab materials should be compacted and moisture-conditioned prior to the placement of concrete. Care should be taken during placement of the concrete to prevent displacement of the underslab materials. The concrete slab should be allowed to sufficiently cure prior to placing vinyl or other moisture-sensitive floor covering.

10.8.3. Exterior Concrete Slabs-On-Grade

As a minimum for exterior walkways, it is recommended that narrow strip concrete slabs, such as sidewalks, be reinforced with at least No. 4 reinforcing bars placed longitudinally at 18 inches on center. Wide exterior slabs should be reinforced with at least No. 4 reinforcing bars placed 18 inches on center, each way.

10.8.4. Control Joints

Control joints should be provided in concrete slabs-on-grade as recommended by American Concrete Institute (ACI PRC-224.3-95) guidelines and at a maximum spacing (in feet) of 2 to 3 times of the slab thickness (in inches), but generally no more than 10 feet. All joints should form approximately square patterns to reduce potential for randomly oriented shrinkage cracks. The control joints should be tooled at the time of the pour or sawcut to ¼ of slab depth within 6 to 8 hours of concrete placement. All joints in flatwork should be sealed to prevent moisture, vermin, or foreign material intrusion. Precautions should be taken to prevent curling of slabs in the semi-arid southern California region (refer to ACI guidelines). Reinforcement should extend through the control joints to reduce the potential for differential movement.

Table 8
Alternatives for Control of Vapor Migration through Concrete Slab

Protection against vapor intrusion	Recommendation
"Best"	• Concrete floor slab-on-grade placed directly on a plastic membrane at least 10 mils in thickness[1] (ACI 302.1R). • The membrane should be placed on at least 2 inches of naturally moist silty sand[2]. • The silty sand should be separated from the underlying capillary break layer by non-woven geotextile, Mirafi 140N or equivalent. Alternatively, the voids at the top of the aggregate course may be filled with fine sand to minimize potential for tearing and damage to the membrane. • The geotextile should be placed on at least 4 inches of ¾-inch crushed rock[3] or clean gravel[4] to act as a capillary break placed on prepared finished grade.
"Better"	• Concrete floor slab-on-grade placed directly on a plastic membrane at least 10 mils in thickness[1] (ACI 302.1R). • The membrane may be placed on at least 2 inches of naturally moist silty sand[2,5] placed on prepared finished grade.
Standard	• Concrete floor slab-on-grade placed on 2 inches of naturally moist silty sand[2] • The silty sand should be placed over plastic membrane at least 10 mils in thickness. • The membrane may be placed on at least 2 inches of naturally moist silty sand[2,5] placed on prepared finished grade.

[1] If additional protection is desired, the plastic membrane may be replaced with a 10-mil-thick moisture vapor retarder that meets the requirements of ASTM E 1745 Class C (for example, Stego Wrap or similar).
[2] The silty sand should have a gradation between approximately 15 and 35 percent passing the No. 200 sieve and a plasticity index (PI) of less than 4.
[3] The ¾-inch crushed rock should conform to Section 200-1.2 of the latest edition of the Standard Specifications for Public Works Construction (Greenbook).
[4] The gravel should contain less than 10 percent of material passing the No.4 sieve and less than 3 percent passing the No.200 sieve.
[5] The silty sand layer is intended as a levelling course and to protect the membrane from any gravel grains that may be at the finished subgrade. It is not strictly required for vapor migration protection. It is recognized that the silty sand course may be difficult to protect during construction activities, consequently if a thicker/stronger membrane is utilized, e.g., 15-mil Stego Wrap, and an adequate caution is taken during the subgrade preparation and slab construction, then the silty sand course may be eliminated.

10.9. Embedded Posts and Poles at Grade

The allowable static lateral soil bearing pressure can be assumed to be at least 220 pcf EFD. The earth pressure value incorporates a Factor of Safety of 2. Isolated poles for uses such as flagpoles or signs and poles used to support buildings that are not adversely affected by a 0.5-inch motion at the ground surface due to short-term lateral loads can be designed using lateral soil bearing pressure of 300 pcf EFD. Vertical compressive loading can be resisted utilizing an allowable end bearing pressure of 3,000 psf.

10.9.1. Non-Constrained Case

For the non-constrained case where the pole is not restricted to move at the ground level, the minimum depth of embedment required to resist lateral loads should be determined in accordance with the 2019 CBC Section 1807A.3.2.1. Where bare ground (without concrete or asphalt cover) is present adjacent to the foundation, the lateral resistance should be ignored for the upper 12 inches below grade. Therefore, a trapezoidal pressure distribution should be used starting at 12 inches below grade.

10.9.2. Constrained Case

For the constrained case where the pole is restricted from movement at the ground level by encasement in surrounding concrete or similar, the minimum depth of embedment required to resist lateral loads should be determined in accordance with Section 1807A.3.2.2 of the 2019 CBC.

10.10. Pavement Design for Parking Lots and Driveways

Recommendations are provided below for flexible (asphalt) pavement sections for the site parking, and rigid (concrete) pavement sections in case they are needed.

10.10.1. Pavement Subgrade Preparation

The subgrade preparation and fill placement in all paved areas should follow the recommendations provided in the Site Preparation section of this report. Paved areas should be properly sloped, and surface drainage established to reduce water infiltration into the pavement subgrade. Curbing located adjacent to paved areas should be founded in the soil subgrade in order to provide a cutoff to reduce water infiltration into the base course.

10.10.2. Asphalt Concrete Pavement Design

Flexible pavement sections have been designed in general accordance with the Caltrans Highway Design Manual method for flexible pavement design using the 20-year design life period. Laboratory R-value obtained a soil sample from the expected subgrade materials, was 70. An R-value of 40 for the subgrade was used for pavement design. The recommended pavement sections for several assumed Traffic Indices are presented in Table 9.

Table 9
Flexible Pavement Sections

Location	Traffic Index	Composite Section		Full Depth Asphalt Concrete Alternative (inches)
		Asphalt Concrete (inches)	Aggregate Base (inches)	
Parking / automobiles	5.5	3.0	5.0	6.0
Trailer Parking areas	6.5	3.5	6.5	7.0
Drive aisles	7.5	4.5	7.5	8.5
Driveways/ truck traffic	8.5	5.0	9	9.5

Asphalt concrete and Aggregate Base (AB) should conform to the Specifications for Public Works Construction (Greenbook) Sections 203-6 and 200-2, respectively. The AB course should be compacted to 95 percent of relative compaction per ASTM D1557.

10.10.3. Concrete Pavement Design

The pavement subgrade should be prepared as recommended in Site Preparation section of this report. The recommended PCC pavement sections are presented in Table 10 below. Tetra Tech does not practice in the field of structural PCC pavement structural design and applies pavement section design method per ACI 330-08 based on the subgrade soil materials and the geotechnical conditions. Design and detailing of the reinforcement, jointing, doweling, mix design, concrete placement, curing, and specifications should be performed in accordance with ACI recommendations.

The PCC pavement sections were designed for a 20-year design life and assuming a Traffic Category A-1 (truck access lanes) with an average daily truck traffic (ADTT) of 10, and a Traffic Category B (bus parking areas and school buses) with ADTTs of 25 and 300. Contraction, construction, and isolation joints should be placed per ACI recommendations. The design assumes that 6 inches of Aggregate Base Materials will be placed on top of the compacted subgrade. The aggregate base materials should conform to the Specifications for Public Works Construction (Greenbook) Section 200-2. The aggregate base course should be compacted to 95 percent or more of the relative density, as evaluated by the latest version of ASTM D1557.

The design of the pavement assumes that the Portland cement concrete will have a 28-day flexural strength (modulus of rupture determined by the third-point method) of at least 550 psi (equivalent to a compressive strength of about 4,000 psi) or 650 psi (equivalent to a compressive strength of about 5,000 psi). A modulus of subgrade reaction (*k* value) of 150 pci was assumed for the compacted subgrade soils.

Table 10
PCC Pavement Sections

Subgrade Soil			Sandy Soil	
Modulus of Subgrade Reaction, k			150 pci	
Thickness of Base Course			6 inches	
PCC Pavement 28-day concrete compressive strength			4,000 psi	5.,000 psi
Category	**ADTT[1]**	**Pavement Traffic Description**	**PCC Thickness (inches)**	
A-1	10	Truck access lanes	6.0	5.0
B	25	Bus Parking areas and school buses		
	300		6.5	5.5

Note: [1]Average Daily Truck Traffic

10.10.4. Construction Considerations

Paved areas should be properly sloped, and surface drainage facilities should be established to reduce water infiltration into the pavement subgrade. Curbing located adjacent to paved areas should be founded in the soil subgrade in order to provide a cutoff to reduce water infiltration into the base course.

10.11. Feasibility of Onsite Stormwater Infiltration

A stormwater infiltration basin is proposed on the southerly margin of the site. Based on our review of the Ventura County TGM for Stormwater Quality Control Measures (Geosyntec, 2011) Figure B-15 the site is located at the boundary between mapped Soil Numbers 2 and 4. Soil Number 2 are typically sandy clay loams that have low infiltration rates, whereas Soil Number 4 are typically silty loams or loams that have moderate infiltration rates.

According to the TGM, infiltration-based BMPs should be feasible in areas mapped with Ventura County Soil Numbers 4 through 7. However, for locations mapped with Ventura County Soil Numbers 1 through 3, infiltration-based BMPs should not be designed unless site specific testing is performed and shows an infiltration rate greater than 0.5 in/hr. Therefore, for final design of the proposed storm water management facilities, field testing would be required at the locations and proposed depths of the stormwater infiltration basin. It is noted that based on the characteristics of the near surface soils i.e., silty sands, encountered in our borings up to a depth of 15 feet, shallow onsite infiltration may not be feasible. However, infiltration testing could be considered to determine the actual infiltration rates of these surficial materials. In addition, infiltration testing within the coarser-grained materials below the upper more fine-grained materials could be considered if there is the potential to deepen the proposed basins. Ultimately a hybrid system that would encompass a combination of shallow basins with vertical wells installed at the bottom of the basins and connecting to the lower more coarse-grained materials could be considered.

10.12. Soil Corrosion

The corrosion potential of the on-site materials to buried concrete and steel was evaluated based on laboratory testing. Table 11 below presents the results of the corrosivity testing.

Table 11
Corrosivity Test Results

Boring ID	Sample ID	Depth (feet)	pH CTM 643	Minimum Resistivity (ohm-cm) CTM 643	Soluble Sulfate Content (ppm / %) CTM 417	Soluble Chloride Content (ppm / %) CTM 422
Tt-1	SK-1	0-5	9.1	3,458	22/0.0022	20/0.0020
Tt-2	SPT-3	10-11.5	7.9	1,010	510/0.0510	25/0.0025

Per 2019 CBC, Section 1904A.1, concrete subject to exposure to sulfates shall comply with the requirements set forth in ACI 318, Section 19.3. Based on the measured water-soluble sulfate results the exposure of buried concrete to sulfate attack should be considered "not a concern", i.e., exposure class S0 per ACI 318, Table 19.3.1.1. Consequently, injurious sulfate attack is not a concern for concrete with a minimum 28-day compressive strength of 2,500 psi.

Per 2019 CBC, Section 1904A.1, concrete reinforcement should be protected from corrosion and exposure to chlorides in accordance with ACI 318, Section 19.3.

The evaluation of potential for corrosion of buried metals was based on the minimum resistivity per NACE (1984) and our experience with similar soils. The on-site soils are anticipated to have a "moderately corrosive" potential to buried ferrous metals. A corrosion specialist should be consulted regarding suitable types of piping and necessary protection for underground metal conduits. The corrosion potential of the on-site soils should be verified during construction for each encountered soil type. Imported fill materials should be tested prior to placement to confirm that their corrosion potential is not more severe than the one assumed for the project.

10.13. Drainage Control

The intent of this section is to provide general information regarding the control of surface water. The control of surface water is essential to the satisfactory performance of the building construction and site improvements. Surface water should be controlled so that conditions of uniform moisture are maintained beneath and adjacent to the structure, even during periods of heavy rainfall. The following recommendations should be considered as minimal.

- Ponding and areas of low flow gradients should be avoided.

- Paved surfaces within 10 feet from the building foundation should be provided with a gradient of at least 2 percent sloping away from improvements.

- Bare soil, e.g., planters, within 10 feet of the structure should be sloped away from the improvement at a gradient of 5 percent.

- Positive drainage devices, such as graded swales, paved ditches, and/or catch basins should be employed to accumulate and convey water to appropriate discharge points.

- Positive drainage devices, such as graded swales, paved ditches, and/or catch basins should be employed to accumulate and convey water to appropriate discharge points.

- Concrete walks and flatwork should not obstruct the free flow of surface water.

- Area drains should be recessed below grade to allow free flow of water into the basin.

- Enclosed raised planters should be sealed at the bottom and provided with an ample flow gradient to a drainage device. Recessed planters and landscaped areas should be provided with area inlet and subsurface drainpipes.

- To the extent practicable, planters should not be located adjacent to the structure. If planters are to be located adjacent to the structure, the planters should be positively sealed, should incorporate a subdrain, and should be provided with free discharge capacity to a drainage device.

- Planting areas at grade should be provided with positive drainage. Wherever possible, the grade of exposed soil areas should be established above adjacent paved grades. Drainage devices and curbing should be provided to prevent runoff from adjacent pavement or walks into planted areas.

- Gutter and downspout systems should be provided to capture discharge from roof areas. The accumulated roof water should be conveyed to an off-site disposal area by a pipe or concrete swale system.

- Landscape watering should be performed judiciously to preclude either soaking or desiccation of soils. The watering should be such that it just sustains plant growth without excessive infiltration. Sprinkler systems should be checked periodically to detect leakage and irrigation efforts should be reduced or halted during the rainy season.

11. GENERAL SITE GRADING RECOMMENDATIONS

The intent of this section is to provide general information regarding the site grading. Site grading operations should conform with applicable local building and safety codes and to the rules and regulations of those governmental agencies having jurisdiction over the subject construction.

The grading contractor is responsible for notifying governmental agencies, as required, the Geotechnical Engineer at the start of site cleanup, at the initiation of grading, and any time that grading operations are resumed after an interruption. Each step of the grading should be accepted in a specific area by the Geotechnical Engineer, and where required, should be approved by the applicable governmental agencies prior to proceeding with subsequent work.

The following site grading recommendations should be regarded as minimal. The site grading recommendations should be incorporated into the project plans and specifications.

- Prior to grading, existing vegetation, trash, surface structures and debris should be removed and disposed off-site at a legal dumpsite. Any existing utility lines, or other subsurface structures which are not to be utilized, should be removed, destroyed, or abandoned in compliance with current governmental regulations.

- Subsequent to cleanup operations, and prior to initial grading, a reasonable search should be made for subsurface obstructions and/or possible loose fill or detrimental soil types. This search should be conducted by the contractor, with advice from and under the observation of the Geotechnical Engineer.

- Prior to the placement of fill or foundations within the building area, the site should be prepared in accordance with the recommendations presented in the section "Site Preparation" of this report. All undocumented fill or disturbed soils within the building areas should be removed and processed as recommended by the Geotechnical Engineer.

- The exposed subgrade and/or excavation bottom should be observed and approved by the Geotechnical Engineer for conformance with the intent of the recommendations presented in this report and prior to any further processing or fill placement. It should be understood that the actual encountered conditions may warrant excavation and/or subgrade preparation beyond the extent recommended and/or anticipated in this report.

- On-site inorganic granular soils that are free of debris or contamination are considered suitable for placement as compacted fill. Any rock or other soil fragments greater than 3 inches in size should not be placed within 5 feet of the foundation subgrade.

- Any imported fill material required for backfill or grading should be tested and approved prior to delivery to the site.

- Visual observations and field tests should be performed during grading by a Geotechnical Engineer. This is necessary to assist the contractor in obtaining the proper moisture content and required degree of compaction. Wherever, in the opinion of the Geotechnical Engineer,

an unsatisfactory condition is being created in any area, whether by cutting or filling, the work should not proceed in that area until the condition has been corrected.

12. LIMITATIONS

The recommendations and opinions expressed in this preliminary report are based on Tetra Tech's review of background documents and on information obtained from field explorations and associated laboratory testing. It should be noted that this study did not evaluate the possible presence of hazardous materials on any portion of the site.

Due to the limited nature of the field explorations, conditions not observed and described in this report may be present on the site. Supplemental field investigation and a final geotechnical design report should be performed during final design of the project. This investigation should meet the requirements of 2019 CBC Chapter 18A. In addition, once the locations of the stormwater infiltration areas and depths are defined, the Geotechnical Engineer should be contacted to perform the appropriate infiltration testing.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the Project described herein. Tetra Tech should be contacted if the reader requires additional information or has questions regarding the content, interpretations presented, or completeness of this document. Reliance by others on the data presented herein or for purposes other than those stated in the text is authorized only if so permitted in writing by Tetra Tech. Such an authorization may incur additional expenses and charges.

Tetra Tech has endeavored to perform its evaluation using the degree of care and skill ordinarily exercised under similar circumstances by reputable geotechnical professionals with experience in this area in similar soil conditions. No other warranty, either expressed or implied, is made as to the conclusions and recommendations contained in this report.

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Figures



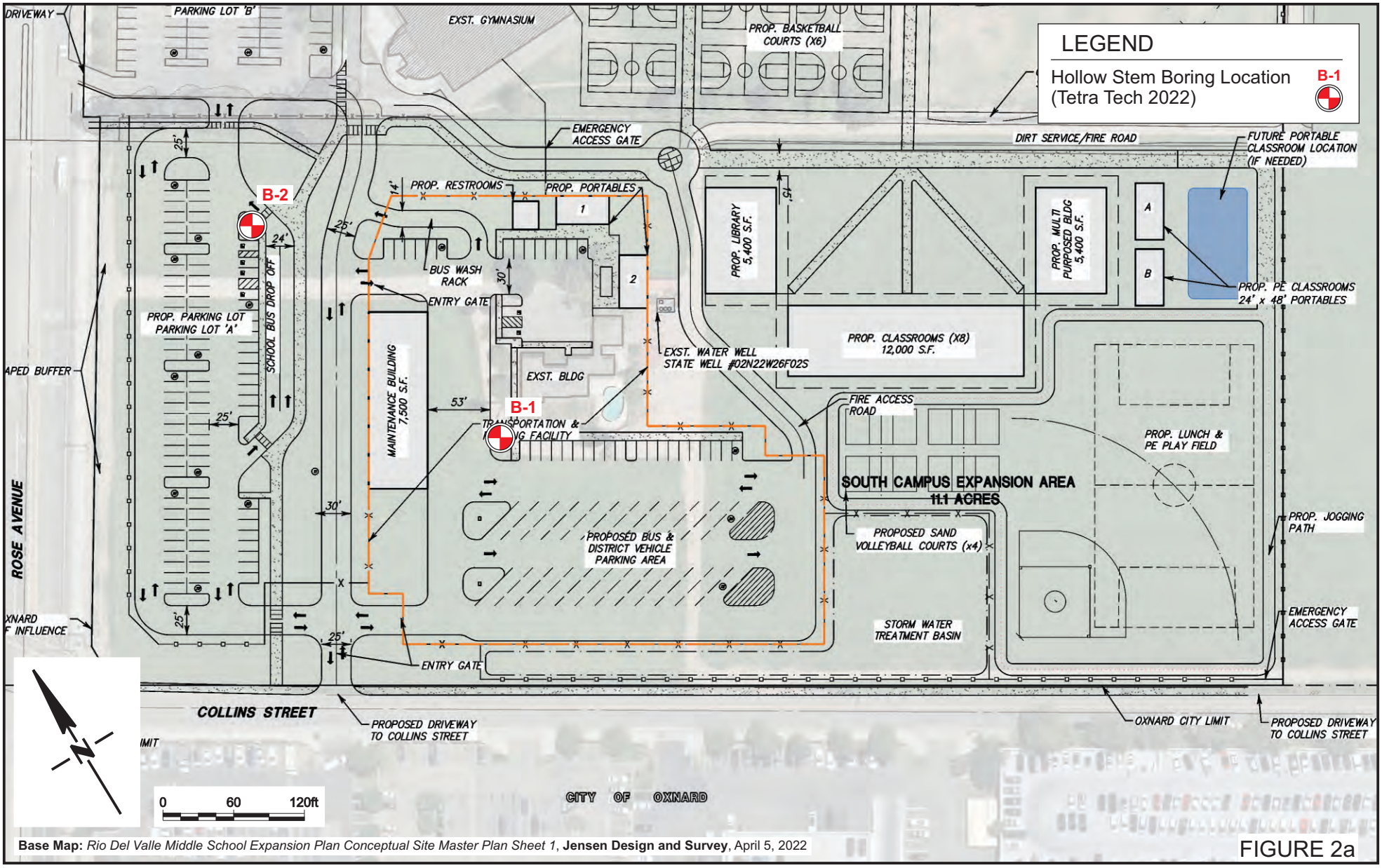
FIGURE 1

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RIO DEL VALLE MIDDLE SCHOOL EXPANSION - OXNARD, CA

SITE LOCATION MAP

JOB NO.	TET 22-233E
DATE	JUN 2022
DRAWN BY	SCM
CHECKED BY	MS



Base Map: *Rio Del Valle Middle School Expansion Plan Conceptual Site Master Plan Sheet 1*, **Jensen Design and Survey**, April 5, 2022

FIGURE 2a

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RIO DEL VALLE MIDDLE SCHOOL EXPANSION - OXNARD, CA

CONCEPTUAL PROJECT LAYOUT

JOB NO.	TET 22-233E
DATE	MAY 2022
DRAWN BY	SMS
CHECKED BY	MS

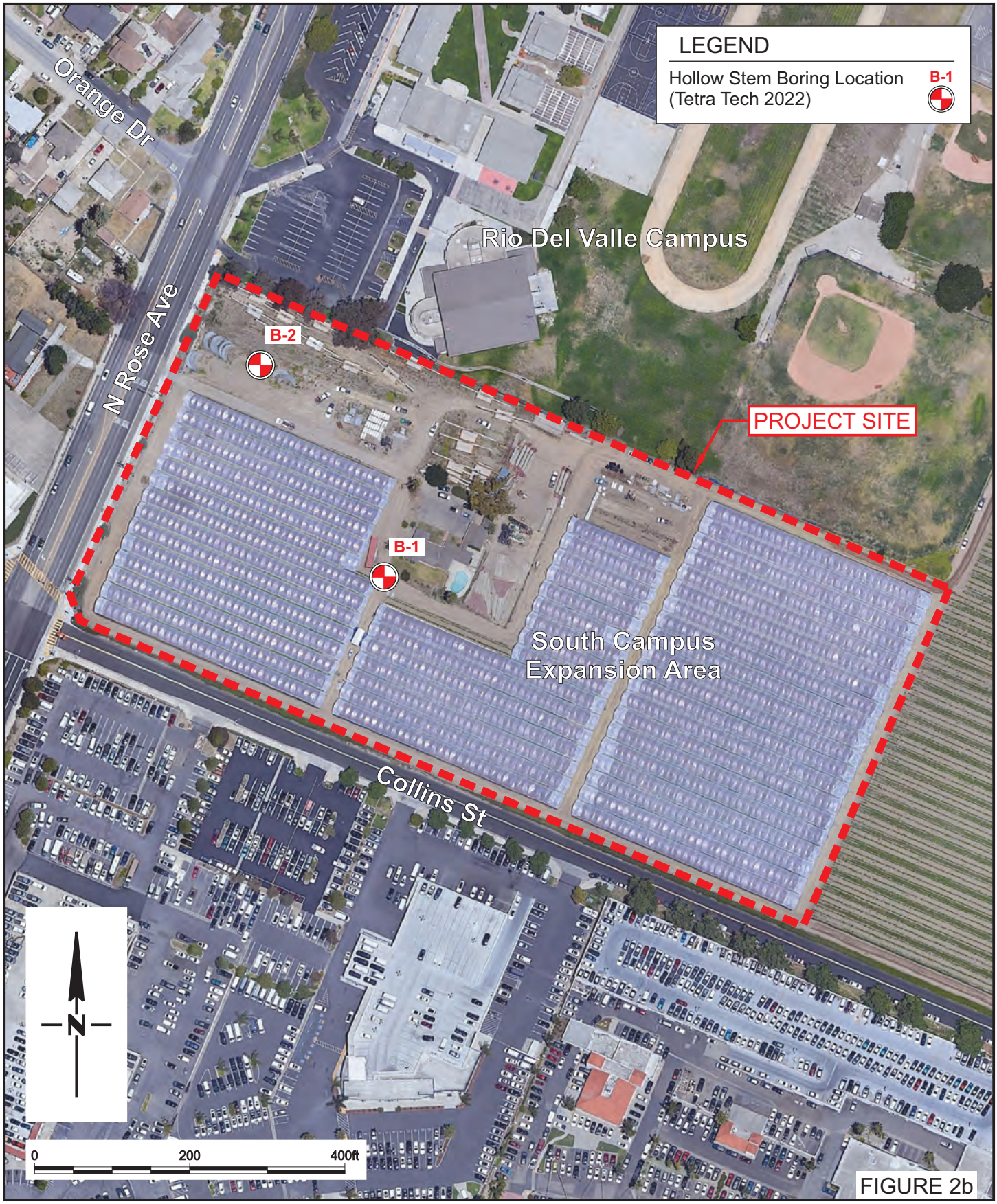


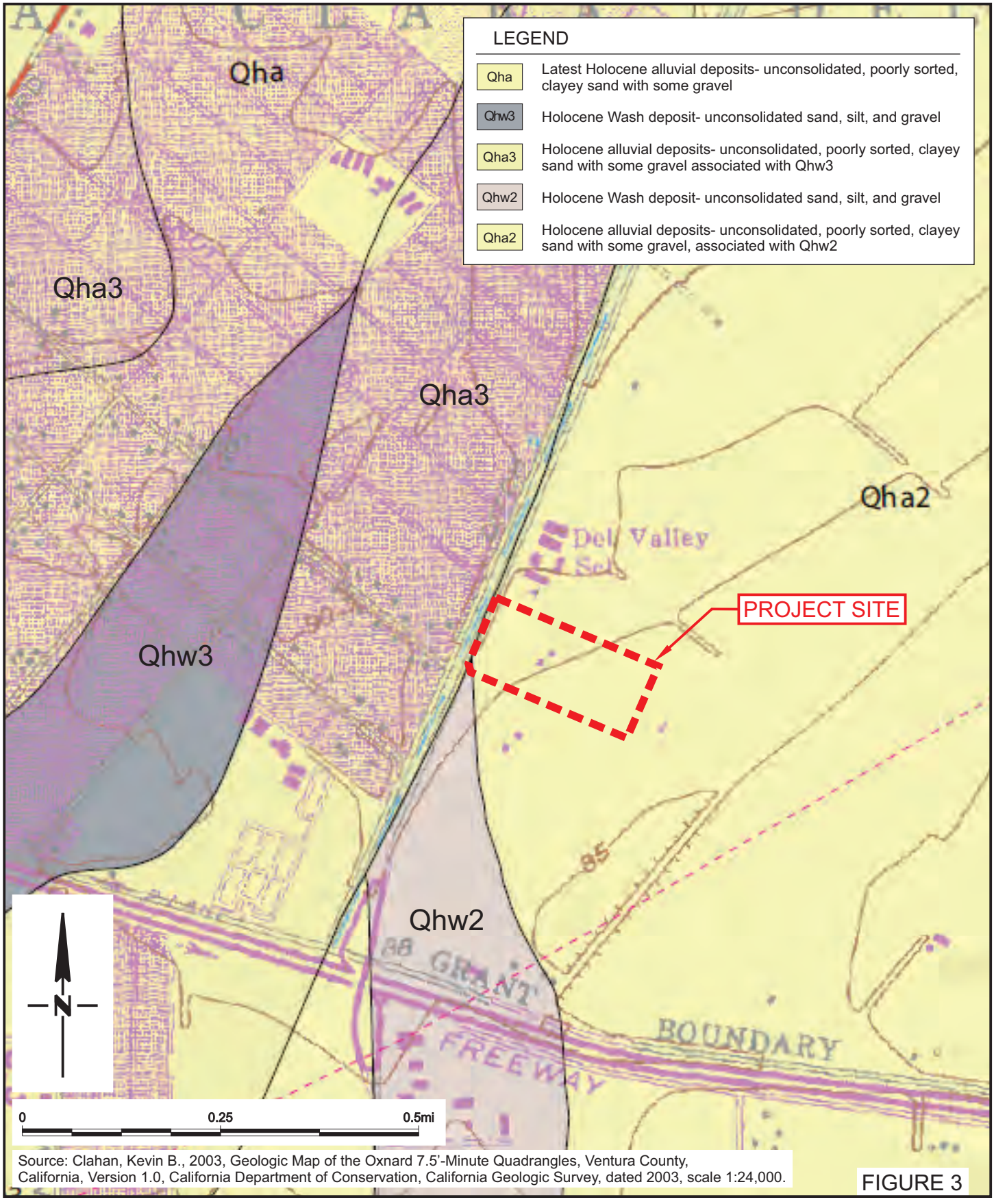
FIGURE 2b

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RIO DEL VALLE MIDDLE SCHOOL EXPANSION - OXNARD, CA

BORING LOCATIONS MAP

JOB NO.	TET 22-233E
DATE	JUN 2022
DRAWN BY	SCM
CHECKED BY	MS



Source: Clahan, Kevin B., 2003, Geologic Map of the Oxnard 7.5'-Minute Quadrangles, Ventura County, California, Version 1.0, California Department of Conservation, California Geologic Survey, dated 2003, scale 1:24,000.

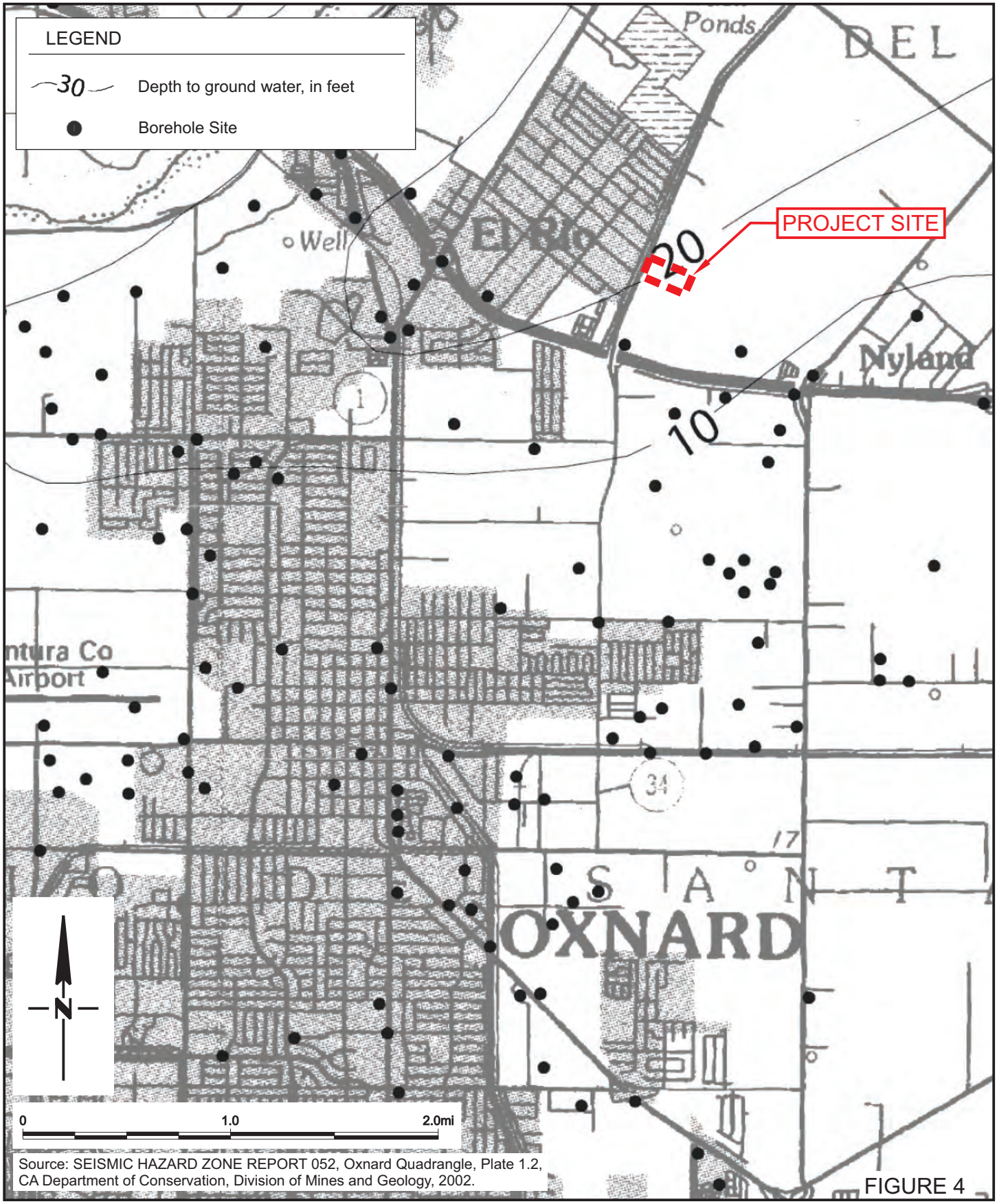
FIGURE 3

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RIO DEL VALLE MIDDLE SCHOOL EXPANSION - OXNARD, CA

GEOLOGIC MAP

JOB NO.	TET 22-233E
DATE	JUN 2022
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Source: SEISMIC HAZARD ZONE REPORT 052, Oxnard Quadrangle, Plate 1.2, CA Department of Conservation, Division of Mines and Geology, 2002.

FIGURE 4

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RIO DEL VALLE MIDDLE SCHOOL EXPANSION - OXNARD, CA

HISTORIC HIGH GROUNDWATER MAP

JOB NO.	TET 22-233E
DATE	MAY 2022
DRAWN BY	SCM
CHECKED BY	MS

EARTHQUAKE EPICENTERS

M 5.0 to 5.9

M 6.0 to 6.9

M 7.0 to 7.9

HISTORIC EARTHQUAKE EVENTS

1)	1812 Wrightwood	M7
2)	1827 Ventura County	M6
3)	1855 Los Angeles	M6?
4)	1858 San Bernardino	M6?
5)	1880 San Bernardino	M6
6)	1889 Monrovia	M5.5
7)	1893 San Fernando Valley	M5.9
8)	1894 n/o Pomona	M6
9)	1899 Cajon Pass	M6.5
10)	1899 San Jacinto	M6.4
11)	1907 San Bernardino	M6
12)	1910 Elsinore	M6
13)	1918 San Jacinto-Hemet	M6.8
14)	1920 Inglewood	M4.9
15)	1923 Loma Linda	M6
16)	1930 Santa Monica Bay	M5.2
17)	1933 Long Beach	M6.4
18)	1941 Gardena	M4.8
19)	1971 San Fernando	M6.7
20)	1973 Pt. Mugu	M5.9
21)	1979 Malibu	M5.2
22)	1981 Pt. Mugu	M6.0
23)	1987 Whittier-Narrows	M5.9
24)	1988 Pasadena	M5.0
25)	1989 Malibu	M5.0
26)	1990 Pomona	M5.3
27)	1991 Sierra Madre	M5.8
28)	1994 Northridge	M6.7
29)	2005 Chino Hills	M5.2

Map Reference: Excerpt of Jennings, C.W., and Bryant, W.A., 2010, Fault activity map of California; California Geologic Survey, Date Map No. 6, map scale ~ 1:750,00

Used in permission from California Geologic Survey.

Earthquake epicenters from SP 116

PROJECT SITE

EXPLANATION

Geologic Time Scale			Years Before Present (Approx.)	Fault Symbol	Recency of Movement	DESCRIPTION: ON LAND	DESCRIPTION: OFFSHORE
Quaternary	Late Quaternary	Historic				Displacement during historic time (e.g. San Andreas fault 1096). Includes areeas of known fault creep.	
		Holocene	200			Displacement during Holocene time.	Faults offsets sea floor sediments or strata of Holocene age.
	Early Quaternary	Pleistocene	11,700			Fault showing evidence of displacement during late Quaternary time.	Faults cuts strata of LatePleistocene age.
			700,000			Undivided Quaternary faults - most faults in this category show evidence of displacement during the last 1,600,00 years; possible exceptions are faults which displace rocks of undifferentiated Plio-Pleistocene age.	Faults cuts strata of Quaternary age.
Pre-Quaternary			1,600,000			Faults without recognized Quaternary displacement or showing evidence of no displacement during Quaternary time. Not necessarily inactive.	Faults cuts strata of Pliocene or older age.

MAP SYMBOLS

- Triangle - termination portion data. Square - fault creep slippage. Hachure - linear extent of fault creep. (other symbols - see below)
- Approximate located trace
- Location uncertain
- Bar and ball on dowthrown side
- Arrows along fault indicate relative or apparent direction of lateral movement.
- Direction of fault dip
- Low angle fault (barbs on upper plate)
- Numbers refer to annotations listed in explanatory text of map.
- Subject Site Location

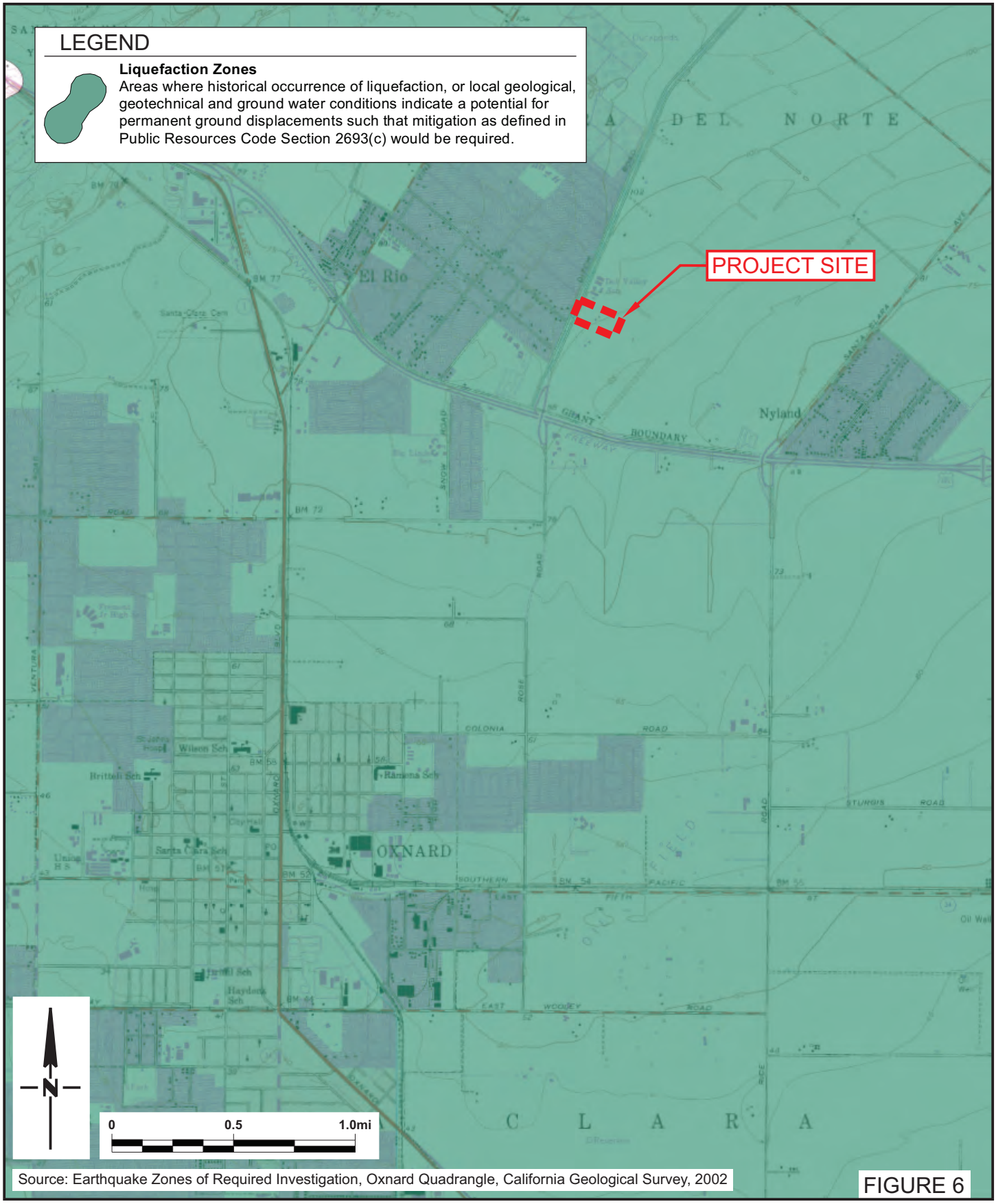
FIGURE 5

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RIO DE VALLE MIDDLE SCHOOL EXPANSION - OXNARD, CA

REGIONAL FAULTS AND SEISMICITY MAP

JOB NO.	TET 22-233E
DATE	MAY 2022
DRAWN BY	SCM
CHECKED BY	MS



Source: Earthquake Zones of Required Investigation, Oxnard Quadrangle, California Geological Survey, 2002

FIGURE 6

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RIO DEL VALLE MIDDLE SCHOOL EXPANSION - OXNARD, CA

SEISMIC HAZARD ZONES MAP

JOB NO.	TET 22-233E
DATE	MAY 2022
DRAWN BY	SCM
CHECKED BY	MS

Appendix A

Logs of Exploratory Borings

Appendix A

Logs of Exploratory Borings

Bulk and relatively undisturbed drive samples were obtained in the field during our subsurface evaluation. The samples were tagged in the field and transported to our laboratory for observation and testing. The drive samples were obtained using the California Split Barrel Drive and Standard Penetration Test (SPT) sampler as described below.

California-Type Split Barrel Drive Sampler
The split barrel drive sampler was driven with a 140-pound hammer allowed to drop freely 30 inches. The number of blows per foot recorded during sampling is presented in the logs of exploratory borings. The sampler has external and internal diameters of approximately 3.0 and 2.4 inches, respectively, and the inside of the sampler is lined with 1-inch-long brass rings. The relatively undisturbed soil sample within the rings is removed, sealed, and transported to the laboratory for observation and testing.

Standard Penetration Test Sampler
The standard penetration test sampler is driven with a 140-pound hammer allowed to drop freely 30 inches in general accordance with ASTM D1586. The number of blows (N-value) required to drive the SPT sampler 12 inches is shown on the borings logs. The sampler has external and internal diameters of approximately 2.0 and 1.4 inches respectively. The sampling tube consists of an unlined split-tube barrel. The disturbed soil sample is removed, sealed, and transported to the laboratory for testing.

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BORING B-1

PROJECT NAME Rio Del Valle Middle School | **CLIENT** County of Ventura | **GROUND ELEVATION** 91 ft
PROJECT NUMBER TET 22-233E | **PROJECT LOCATION** Oxnard, Ca | **GROUNDWATER DEPTH** Not encountered
DATES DRILLED 4/19/2022 | **DRILLING CONTRACTOR** MR Drilling | **BOREHOLE DEPTH** 51 ft
LOGGED/CHECKED BY TAC/MS | **DRILLING METHOD** Hollow Stem Auger, CME 75 | **BOREHOLE DIAMETER** 8 in
COORDINATES 34.230845, -119.155019 | **HAMMER DATA** Auto 140 lbs, 30" drop | **BACKFILL** Cement Grout
LOCATION DESCRIPTION About 350 ft East of entrance, by Southwest corner of residence

Standard Penetration Test (SPT) | No Recovery | Shelby Tube
California-Type Ring Sample | No Recovery | Grab/Bulk Sample

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOWCOUNT blows/6" (bpf)	USCS	MATERIAL DESCRIPTION	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	Notes	ELEVATION (ft)
0			SM	[FILL] Artificial Fill (af) Silty SAND, brown (10YR 4/3), damp, fine, porous				90
	SK-1 R-2	2-2-3 (5)	SM	[ALLUVIUM] Quaternary Alluvium (Qha2) Silty SAND, very loose, olive (5Y 5/4), damp, fine grained, some iron oxide staining			Corr: 4659 ohm-cm, pH = 8.7, SO4 = 66 ppm, Cl = 18 ppm EI = 0	
5	SPT-3	1-2-2 (4)		...(5.0 ft) as above, loose, olive (5Y 5/4), damp, fine grained, 1/4" thick root, 1/8" thick organic layer			Att: NP, #200 = 49%	85
	R-4	2-4-6 (10)	ML	Sandy SILT, firm, olive (5Y 5/4) to yellowish brown (10YR 4/3) mottling, moist, fine grained sand, paper thin lateral organic seam	91.6	28.9	DS, Consol	
10	SPT-5	2-3-4 (7)	SM	Silty SAND, loose, olive (5Y 5/4), damp, fine grained, 1/4" thick vertical oxidized streak			Att: NP, #200 = 46%	80
	R-6	2-3-3 (6)	ML	Sandy SILT, firm, olive (5Y 5/4), moist, fine grained sand, abundant oxidized streaks, 1/4" thick brown (10YR 4/3) discolored layer	87.5	32.4	Consol	
15	SPT-7	5-10-13 (23)	SP-SM	Poorly graded SAND with Silt, medium dense, light brownish gray (2.5Y 6/2), damp, fine to medium grained, trace coarse sand, 1/2" thick subrounded gravel				75
20	R-8	10-12-16 (28)			104.5	7.9	Bad recovery, gravel in cuttings, driller notes that the auger is vibrating against gravel	70
25	SPT-9	4-10-13 (23)		...(25.0 ft) as above, with subrounded to subangular fine gravel, some coarse sand			#200 = 11%	65
30								

Continued on next page

GEOTECH BH COLUMNS - GINT STD US LAB.GDT - \\TT-LOCAL\GFS\USVOLUME2\LEGACY\TTS302FS1\GEO_DATA\03 - TECHNICAL RESOURCES\02 SOFTWARE LIBRARY\GINT\PROJECTS\197-4552-0233 RIO DEL VALLE MIDDLE SCHOOL, OXNARD.GPJ

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BORING B-1

PROJECT NAME Rio Del Valle Middle School **CLIENT** County of Ventura **GROUND ELEVATION** 91 ft

PROJECT NUMBER TET 22-233E **PROJECT LOCATION** Oxnard, Ca **GROUNDWATER DEPTH** Not encountered

Standard Penetration Test (SPT) | No Recovery | Shelby Tube
California-Type Ring Sample | No Recovery | Grab/Bulk Sample

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOWCOUNT blows/6" (bpf)	GRAPHIC LOG	USCS	MATERIAL DESCRIPTION	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	Notes	ELEVATION (ft)
30	R-10	10-16-20 (36)				109.5	8.0		60
35	SPT-11	10-14-16 (30)			...(35.0 ft) as above, dense			Bad recovery, gravel in cuttings, driller notes that the auger is vibrating against gravel	55
40	R-12	14-50			...(40.0 ft) as above, very dense, some coarse sand, fine grained subangular gravel	99.4	5.9		50
45	SPT-13	50/5"						No recovery, gravel chunks in shoe	45
50	R-14	23-50				106.5	3.6		40

Notes:
1. Total Depth = 51.0 ft
2. No groundwater encountered
3. No caving
4. Backfilled with cement grout

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BORING B-2

Sheet 1 of 1

PROJECT NAME Rio Del Valle Middle School | **CLIENT** County of Ventura | **GROUND ELEVATION** 93 ft
PROJECT NUMBER TET 22-233E | **PROJECT LOCATION** Oxnard, Ca | **GROUNDWATER DEPTH** Not encountered
DATES DRILLED 4/19/2022 | **DRILLING CONTRACTOR** MR Drilling | **BOREHOLE DEPTH** 26.5 ft
LOGGED/CHECKED BY TAC/MS | **DRILLING METHOD** Hollow Stem Auger, CME 75 | **BOREHOLE DIAMETER** 8 in
COORDINATES 34.231589, -119.155542 | **HAMMER DATA** Auto 140 lbs, 30" drop | **BACKFILL** Tamped Cuttings
LOCATION DESCRIPTION About 100 ft East of entrance, North of access road

Standard Penetration Test (SPT) | No Recovery | Shelby Tube
California-Type Ring Sample | No Recovery | Grab/Bulk Sample

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOWCOUNT blows/6" (bpf)	GRAPHIC LOG	USCS	MATERIAL DESCRIPTION	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	Notes	ELEVATION (ft)
0									
	SK-1			SM	[FILL] Artificial Fill (af) Silty SAND, brown (10YR 4/3), damp, fine grained, porous				
	SPT-2	1-1-1 (2)		SM	[ALLUVIUM] Quaternary Alluvium (Qha2) Silty SAND, brown (10YR 4/3), damp, very loose, porous			EI = 1	90
5	R-3	2-4-5 (9)			...(5.0 ft) as above, loose, olive (5Y 5/4) to light olive gray (5Y 6/2) mottling	88.1	9.6		
	SPT-4	2-3-4 (7)			...(7.5 ft) as above, olive (5Y 5/4) to light olive gray (5Y 6/2) mottling, damp, iron oxide staining			Corr: 1119 ohm-cm, pH = 8.4, SO4 = 446 ppm, Cl = 44 ppm	85
10	R-5	3-5-8 (13)		ML	Sandy SILT, stiff, olive (5Y 5/4), moist, fine grained sand	88.9	30.2		
	SPT-6	6-8-10 (18)		SP-SM	Poorly graded SAND with Silt, medium dense, light brownish gray (2.5Y 6/2), damp, fine to medium grained, trace coarse sand, 1" thick subrounded gravel			#200 = 7%	80
15	R-7	6-8-10 (18)				97.8	11.5	Consol	
20									75
	SPT-8	8-13-17 (30)		SP	Poorly graded SAND, dense, light brownish gray (2.5Y 6/2), damp, fine to medium grained, trace coarse sand, some fine gravel				70
25	R-9	13-16-22 (38)			...(25.0 ft) as above, medium dense	107.6	4.2		

Notes:
1. Total Depth = 26.5 ft
2. No groundwater encountered
3. No caving
4. Backfilled with tamped cuttings

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Appendix B

Results of Laboratory Testing

Appendix B
Results of Current Laboratory Testing

Classification
Soils were visually and texturally classified in accordance with the Unified Soil Classification System. Soil classifications are indicated on the logs of the exploratory borings in Appendix A.

In-Place Moisture and Dry Density Tests
The moisture contents and dry densities of relatively undisturbed samples obtained from the exploratory boreholes were evaluated in general accordance with the latest version of ASTM D2937. The test results are presented on the log of the exploratory borings in Appendix A.

Particle Size Analysis
An evaluation of the particle size analysis for selected soil samples were performed in general accordance with ASTM D422. The results of the analysis are presented the borehole logs in Appendix A and in the back of this Appendix B.

Percent Passing #200 Sieve
An evaluation of the percent passing #200 sieve for selected soil samples were performed in general accordance with ASTM D1140. The results of the analysis are presented the borehole logs in Appendix A and in the back of this Appendix B.

Atterberg Limits Tests
Liquid Limit, Plastic Limit, and Plasticity Index of selected and representative on-site materials were performed in general accordance with ASTM D4318. The results of this test are presented on the borehole logs in Appendix A and in the back of this Appendix B.

Consolidation Tests
Consolidation tests were performed on selected relatively undisturbed soil samples in general accordance with the latest version of ASTM D2435. The samples were inundated during testing to represent adverse field conditions. The percent consolidation for each load cycle was recorded as a ratio of the amount of vertical compression to the original height of the sample. Load versus deformation curves are presented in the back of this Appendix B.

Direct Shear Tests
The sample were tested under three different normal loads. The samples were sheared at a constant rate of strain selected in general accordance with the consolidation characteristics of the soils (Section 7.3 of ASTM D3080). The samples were inundated during shearing to represent potentially adverse field conditions. The strain rate used for shear tests was 0.002 inches per minute. Shearing of the specimens was continued until the shear stress became essentially constant or until a deformation of approximately 10 percent of the original diameter had been reached. The results of 3-point direct shear tests are presented in the back of this Appendix B.

Corrosivity Series

The corrosivity of a selected sample was evaluated in general accordance with the latest version of California Test Method (CTM) No. 417, 422 and 643. The results of these tests are presented in Table 11 in the report and in the back of this Appendix B.

TETRA TECH

PERCENT PASSING # 200 SIEVE

ASTM D1140

Job Name:	Rio Del Valle Middle School Oxnard	**Date Completed:**	4/27/2022
Job Number:	TET-22-233E	**Date Sampled:**	May 10, 2022
Note:			
Tested By :	MG		

Boring Number	Sample Number	Depth (ft)	Weight Before Wash - Dry (grams)	Weight After Wash - Dry (grams)	Percent Passing # 200 Sieve	USCS Classification
B-1	**SPT-3**	5.0	192.5	97.4	49%	SC
B-1	**SPT-5**	10.0	193.4	103.6	46%	SC
B-1	**SPT-9**	25.0	231.7	205.8	11%	SP-SM
B-2	**SPT-6**	12.5	227.2	211.8	7%	SP-SM

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TETRA TECH

MOISTURE CONTENT AND DENSITY

ASTM D7263

Job Name:	**Rio Del Valle Middle School, Oxnard**	**Date Sampled:**	4/27/2022
Job Number:	**TET-22-233E**	**Date Completed:**	5/10/2022
Tested By:	**MG**	**Note:**	Page 1 of 1

Boring / Test Pit / Trench		**B-1**	**B-1**	**B-1**	**B-1**	**B-2**	**B-2**	**B-2**		
Sample Number		**R-8**	**R-10**	**R-12**	**R-14**	**R-3**	**R-5**	**R-9**		
Sample Depth	*ft*	**20ft**	**30ft**	**40ft**	**50ft**	**5ft**	**10ft**	**25ft**		
USCS Soil Description		Brown SP Native	Brown SP Native	Brown SP Native	Brown SP Native	Brown SM Native	Brown CL Native	Olive Brown SP Native		
Number of Rings		6	6	6	6	6	6	6		
Total Weight Rings + Soil	*grams*	1084.60	1123.90	1030.00	1067.40	967.50	1106.00	1079.60		
Volume of Rings	ft^3	0.0159	0.0159	0.0159	0.0159	0.0159	0.0159	0.0159		
Weight of Rings	*grams*	268.80	268.80	268.80	268.80	268.80	268.80	268.80		
Weight of Soil	*grams*	815.80	855.10	761.20	798.60	698.70	837.20	810.80		
Wet Density	*pcf*	112.80	118.23	105.25	110.42	96.61	115.76	112.11		
	Container ID	X27	X34	X49	X16	X55	X60	X33		
Tare	*grams*	10.5	10.5	10.5	10.5	10.5	10.5	10.5		
Wet Soil + Tare	*grams*	261.2	277.5	233.4	292.4	212.2	286.8	356.9		
Dry Soil + Tare	*grams*	242.8	257.8	221	282.5	194.5	222.7	343		
Weight of Water	*grams*	18.4	19.7	12.4	9.9	17.7	64.1	13.9		

Dry Density	***pcf***	**104.5**	**109.5**	**99.4**	**106.5**	**88.1**	**88.9**	**107.6**		
Moisture Content	***%***	**7.9**	**8.0**	**5.9**	**3.6**	**9.6**	**30.2**	**4.2**		

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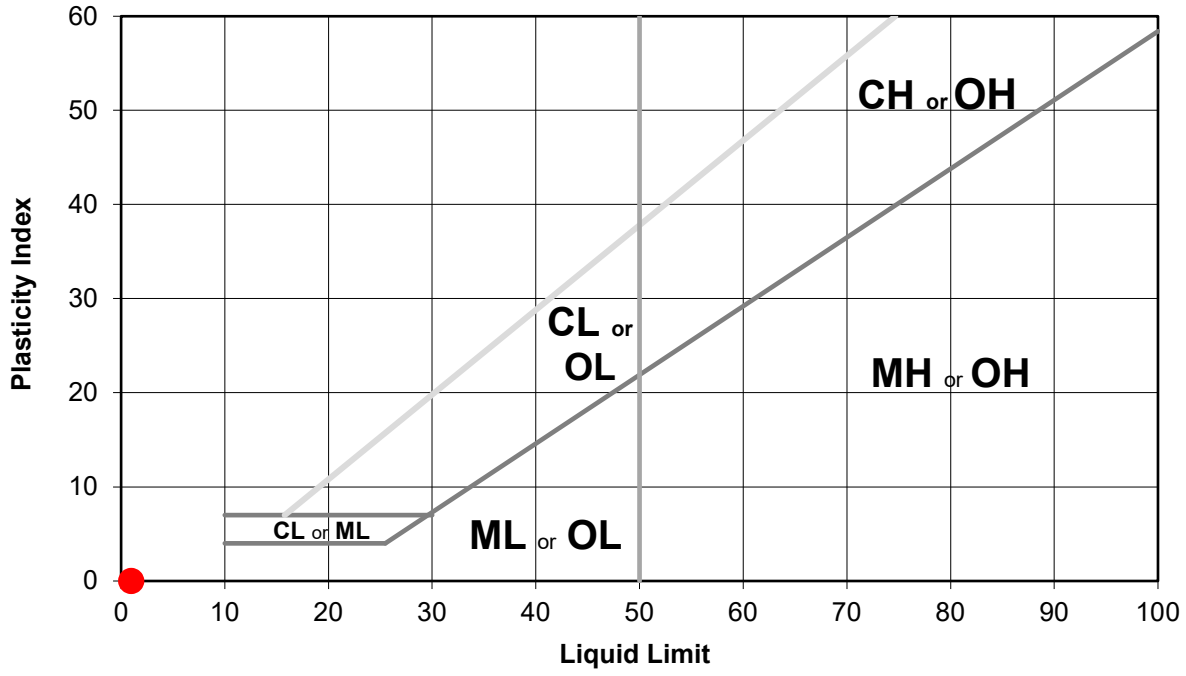
TETRA TECH

ATTERBERG LIMITS

ASTM D4318

Job Name:	Rio Del Valle M. S, Oxnard	**Date Sampled:**	4/27/2022
Job Number:	TET-22-233E	**Date Completed:**	5/10/2022
Tested By:	MG	**Sample Identification:**	B-1, SPT-3
Note:		**Sample Depth:**	5ft
Sample Description:	Brown Clayey SAND, SC		

		Plastic Limit		Liquid Limit			
Test No.		**1**	**2**	**1**	**2**	**3**	**4**
Number of Blows							
Container ID							
Wet Weight of Soil + Cont.	*grams*	NP	NP	NP	NP	NP	NP
Dry Weight of Soil + Cont.	*grams*						
Weight of Container	*grams*						
Moisture Weight	*grams*	0.00	0.00	0.00	0.00	0.00	0.00
Weight of Dry Soil	*grams*	0.00	0.00	0.00	0.00	0.00	0.00
Moisture Content	%	**NP**	**NP**	**NP**	**NP**	**NP**	**NP**



Plastic Limit	**NP**
Liquid Limit	**NP**
Plasticity Index	**NP**

USCS Classification

Based on Atterberg Limits only

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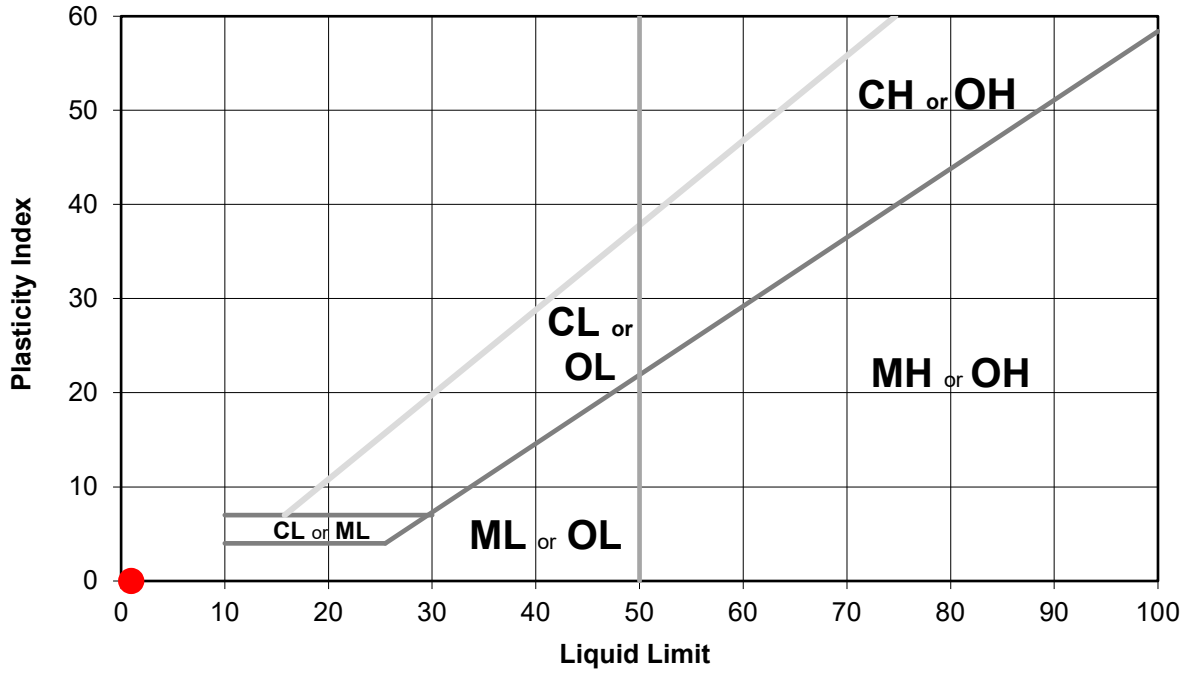
TETRA TECH

ATTERBERG LIMITS

ASTM D4318

Job Name:	Rio Del Valle M. S, Oxnard	**Date Sampled:**	4/27/2022
Job Number:	TET-22-233E	**Date Completed:**	5/10/2022
Tested By:	MG	**Sample Identification:**	B-1, SPT-5
Note:		**Sample Depth:**	10ft
Sample Description:	Brown ClayeySAND, SC		

		Plastic Limit		Liquid Limit			
Test No.		**1**	**2**	**1**	**2**	**3**	**4**
Number of Blows							
Container ID							
Wet Weight of Soil + Cont.	*grams*	NP	NP	NP	NP	NP	NP
Dry Weight of Soil + Cont.	*grams*						
Weight of Container	*grams*						
Moisture Weight	*grams*	0.00	0.00	0.00	0.00	0.00	0.00
Weight of Dry Soil	*grams*	0.00	0.00	0.00	0.00	0.00	0.00
Moisture Content	%	**NP**	**NP**	**NP**	**NP**	**NP**	**NP**



Plastic Limit	**NP**
Liquid Limit	**NP**
Plasticity Index	**NP**

USCS Classification

Based on Atterberg Limits only

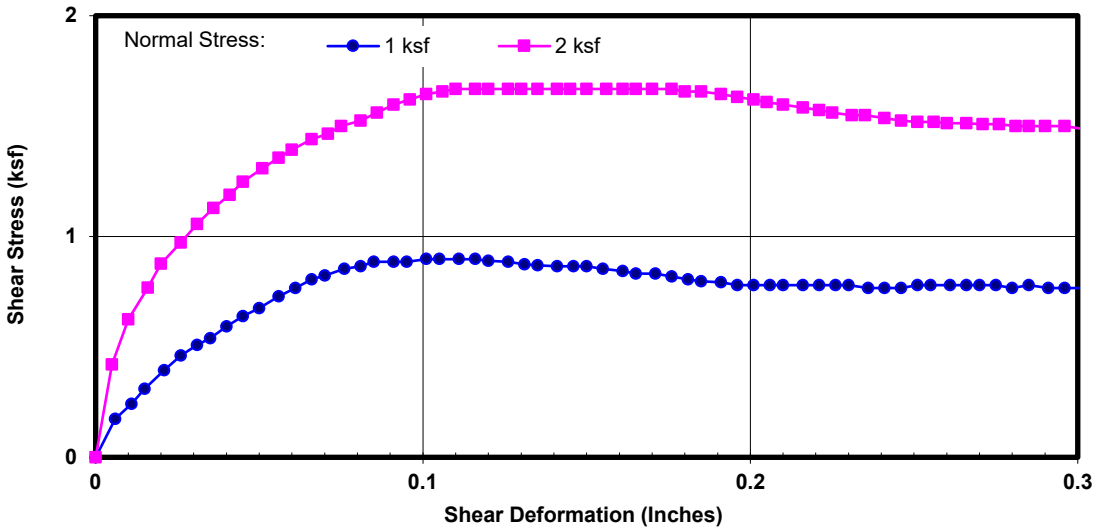
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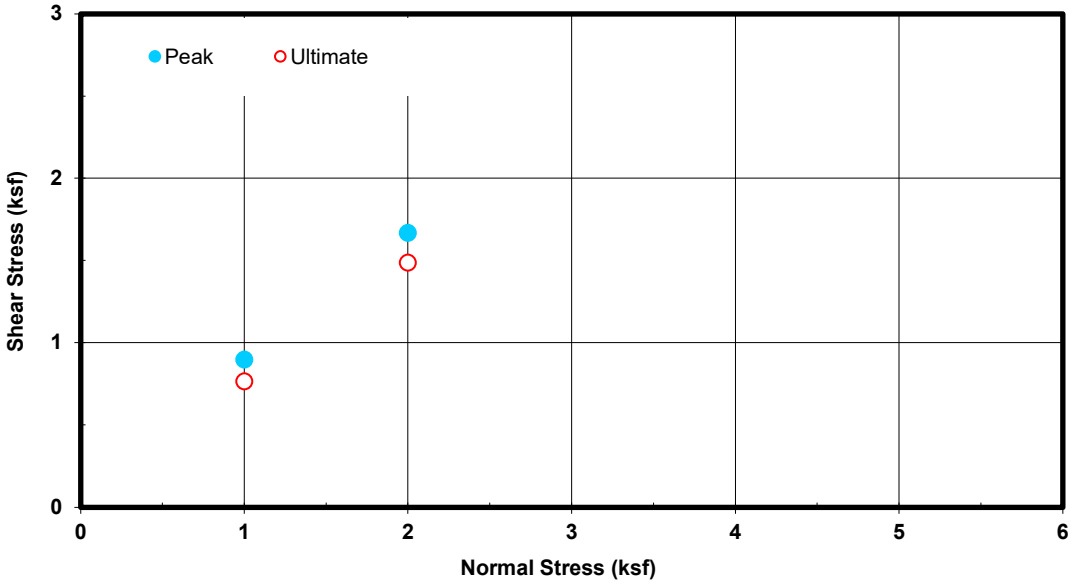
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DIRECT SHEAR TEST RESULTS
ASTM D 3080

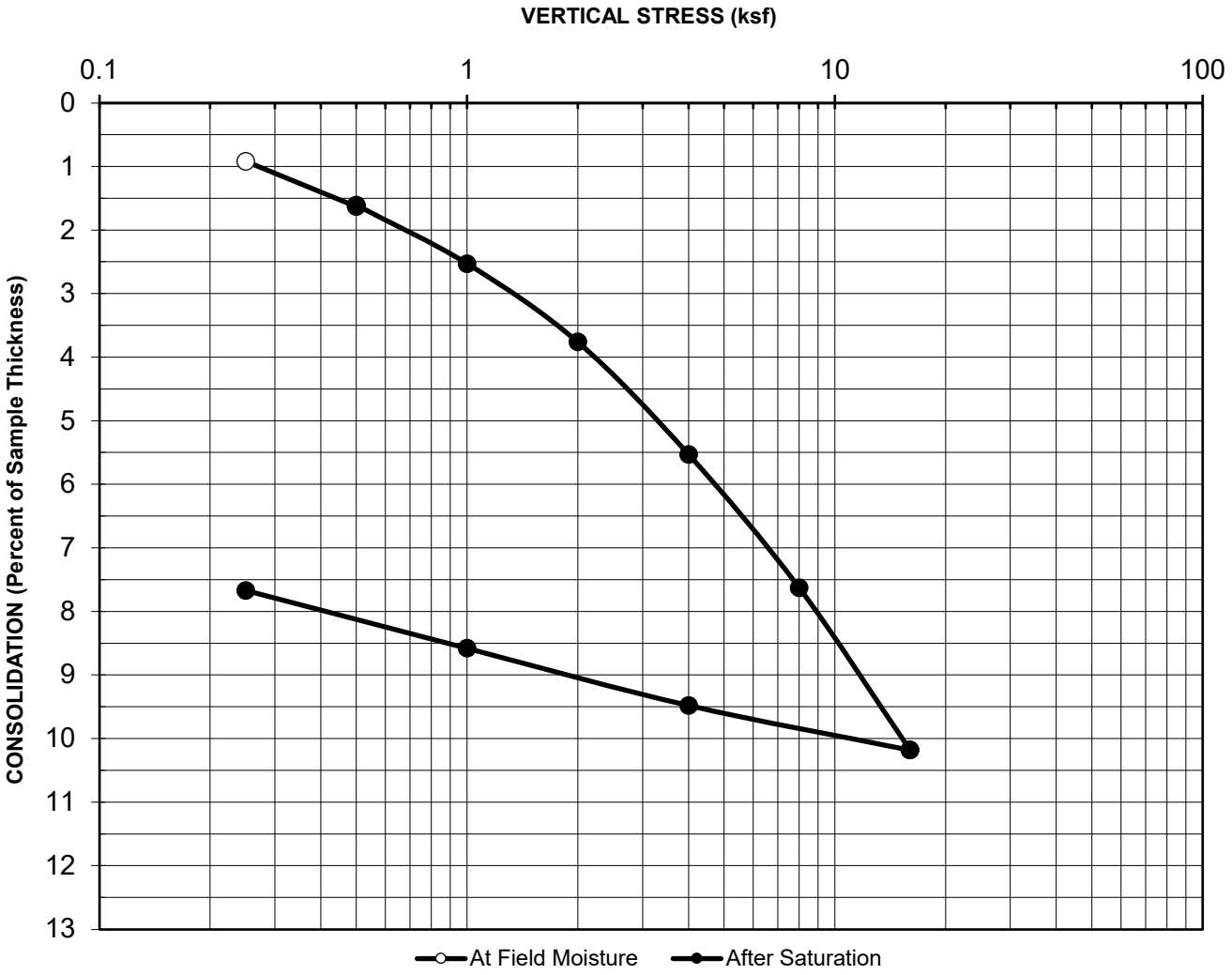
Client:	Tetra Tech		**Tested By:**	LS	**Date:** 05/12/22
Project Name:	Rio del Valle Middle School Oxnard		**Computed By:**	NR	**Date:** 05/13/22
Project No.:	TET 22-233E		**Checked by:**	AP	**Date:** 05/18/22
Boring No.:	B-1				
Sample No.:	R-4	**Depth (ft):** 7.5			
Sample Type:	Mod. Cal.				
Soil Description:	Sandy Clay				
Test Condition:	Inundated	**Shear Type:** Regular			

Wet Unit Weight (pcf)	Dry Unit Weight (pcf)	Initial Moisture Content (%)	Final Moisture Content (%)	Initial Degree Saturation (%)	Final Degree Saturation (%)	Normal Stress (ksf)	Peak Shear Stress (ksf)	Ultimate Shear Stress (ksf)
118.0	91.6	28.9	30.6	93	98	1	0.898	0.766
						2	1.668	1.488





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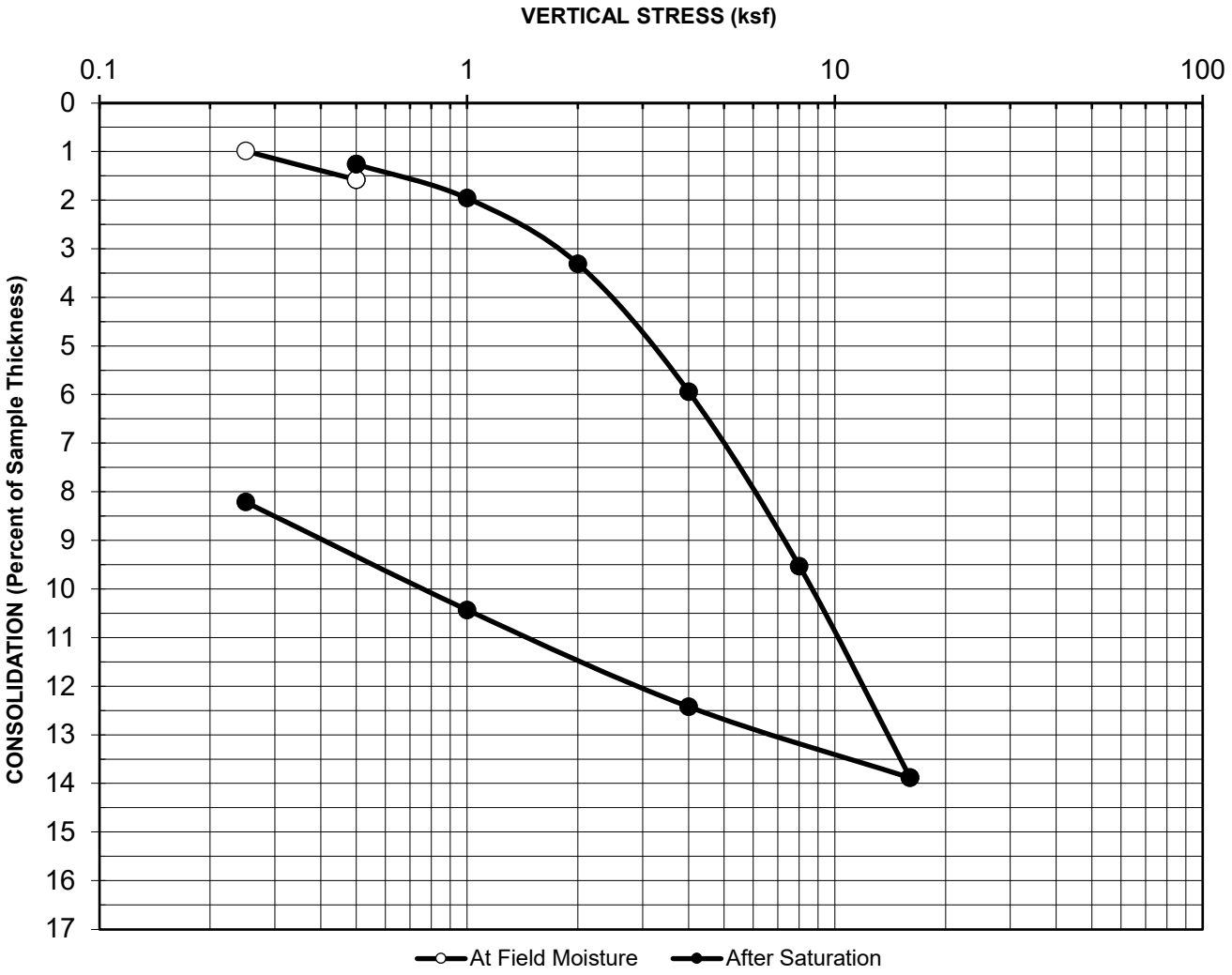


Boring No. :	B-1	Initial Dry Unit Weight (pcf):	92.4
Sample No.:	R-4	Initial Moisture Content (%):	28.9
Depth (feet):	7.5	Final Moisture Content (%):	29.3
Sample Type:	Mod Cal	Assumed Specific Gravity:	2.7
Soil Description:	Sandy Clay	Initial Void Ratio:	0.82
Remarks:	Swell= 0.02% upon inundation		

CONSOLIDATION CURVE
ASTM D 2435

Project Name:	Rio del Valle Middle School Oxnard
Project No.:	TET 22-233E
Date:	5/11/2022
AP No:	22-0480 **Sheet No:** 1

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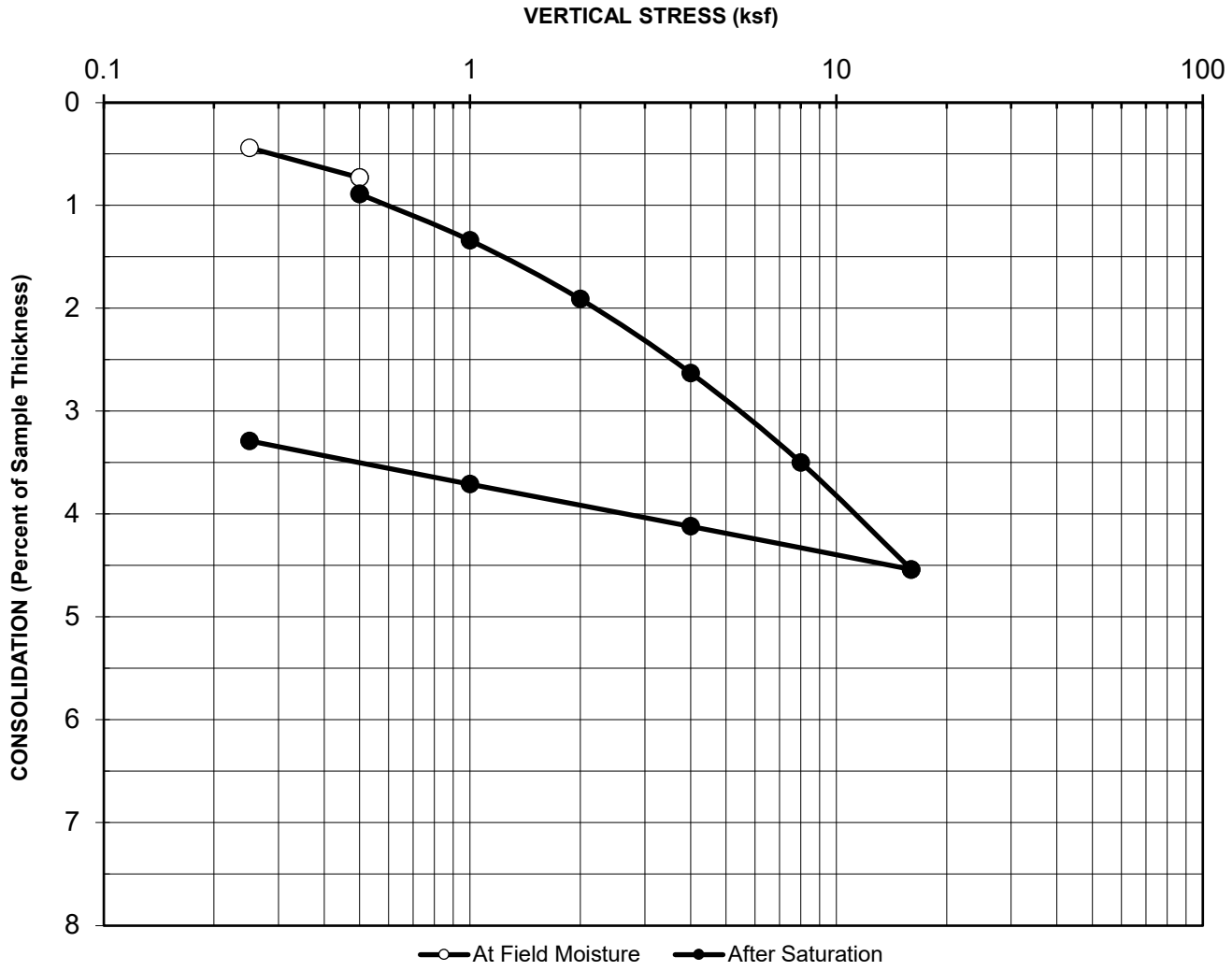


Boring No. :	B-1	Initial Dry Unit Weight (pcf):	87.5
Sample No.:	R-6	Initial Moisture Content (%):	32.4
Depth (feet):	12.5	Final Moisture Content (%):	32.9
Sample Type:	Mod Cal	Assumed Specific Gravity:	2.7
Soil Description:	Lean Clay	Initial Void Ratio:	0.92
Remarks:	Swell= 0.32% upon inundation		

CONSOLIDATION CURVE
ASTM D 2435

Project Name:	Rio del Valle Middle School Oxnard
Project No.:	TET 22-233E
Date:	5/11/2022
AP No:	22-0480 **Sheet No:** 1

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Boring No. :	B-2	Initial Dry Unit Weight (pcf):	97.8
Sample No.:	R-7	Initial Moisture Content (%):	11.5
Depth (feet):	15	Final Moisture Content (%):	24.7
Sample Type:	Mod Cal	Assumed Specific Gravity:	2.7
Soil Description:	Poorly-Graded Sand w/silt	Initial Void Ratio:	0.72
Remarks:	Collapse= 0.16% upon inundation		

CONSOLIDATION CURVE
ASTM D 2435

Project Name: Rio del Valle Middle School Oxnard
Project No.: TET 22-233E
Date: 5/11/2022
AP No: 22-0480 **Sheet No:** 1

TETRA TECH

EXPANSION INDEX

ASTM D4829

Job Name:	Rio Middle School	**Date Sampled:**	4/27/2022
Job Number:	TET-22-233E	**Date Completed:**	5/10/2022
Tested By:	MG	**Sample Identification:**	B-1, R-2
Note:		**Sample Depth:**	2.5ft
Sample Description:	Brown SM Native		

SAMPLE PROCESSING		
Percentage Passing #4 Sieve		
Total Air Dry Weight	*grams*	999.00
Weight Retained on #4	*grams*	0.07
*% Retained	*%*	0.01
***% Passing # 4 Sieve**	*%*	**100.0**

SAMPLE DIMENSIONS		
Sample Height	*inches*	1.00
Sample Diameter	*inches*	4.01

MOISTURE CALCS		INITIAL	FINAL
Tare ID or #		X31	X38
Wet Weight of Soil + Tare	*grams*	180.0	407.6
Dry Weight of Soil + Tare	*grams*	164.8	329.5
Weight of Tare	*grams*	10.5	10.5
* Moisture Weight	*grams*	15.2	78.1
* Weight of Dry Soil	*grams*	154.3	319.0
***Moisture Content**	*%*	**9.9**	**24.5**

AFTER REMOLDING		INITIAL	FINAL
Weight of Ring and Sample	*grams*	592.9	592.9
Weight of Ring	*grams*	202.2	202.2
*Remolded Wet Weight	*grams*	390.7	390.7
*Wet Density	*pcf*	117.8	117.6
*Dry Density	*pcf*	107.2	94.5
Assumed/Measured Specific Gravity		2.7	2.7
***Degree of Saturation**	*%*	**46.6**	**84.4**

EXPANSION INDEX TEST			
DATE	**TIME**	**DIAL**	**Δ H %**
5/8/2022	8:00 AM	0.0362	0.0
5/8/2022	8:10 AM	0.0362	0.0
		0.0363	0.0
		0.0365	0.0
		0.0380	0.2
		0.0380	0.2
3/20/2022	10:00 AM	0.0380	0.2
***Total**		**0.0380**	**0.2**

EI	Expansion Potential
0 to 20	Very Low
21 to 50	Low
51 to 90	Medium
90 to 130	High
>130	Very High

UNCORRECTED EXPANSION INDEX 2

CORRECTED EXPANSION INDEX **0**

For degrees of Saturation ≠ 50%, >40% and <60%

TETRA TECH

EXPANSION INDEX

ASTM D4829

Job Name:	Rio Middle School	**Date Sampled:**	4/27/2022
Job Number:	TET-22-233E	**Date Completed:**	5/10/2022
Tested By:	MG	**Sample Identification:**	B-2, SK-1
Note:		**Sample Depth:**	0-5ft
Sample Description:	Brown SM Native		

SAMPLE PROCESSING		
Percentage Passing #4 Sieve		
Total Air Dry Weight	*grams*	999.00
Weight Retained on #4	*grams*	0.07
*% Retained	*%*	0.01
***% Passing # 4 Sieve**	*%*	**100.0**

SAMPLE DIMENSIONS		
Sample Height	*inches*	1.00
Sample Diameter	*inches*	4.01

MOISTURE CALCS		INITIAL	FINAL
Tare ID or #		X12	X33
Wet Weight of Soil + Tare	*grams*	257.6	419.0
Dry Weight of Soil + Tare	*grams*	233.4	351.3
Weight of Tare	*grams*	10.5	10.5
* Moisture Weight	*grams*	24.2	67.7
* Weight of Dry Soil	*grams*	222.9	340.8
***Moisture Content**	*%*	**10.9**	**19.9**

AFTER REMOLDING		INITIAL	FINAL
Weight of Ring and Sample	*grams*	588.7	588.7
Weight of Ring	*grams*	197.7	197.7
*Remolded Wet Weight	*grams*	391.0	391.0
*Wet Density	*pcf*	117.9	117.8
*Dry Density	*pcf*	106.3	98.3
Assumed/Measured Specific Gravity		2.7	2.7
***Degree of Saturation**	*%*	**50.2**	**75.1**

EXPANSION INDEX TEST			
DATE	**TIME**	**DIAL**	**Δ H %**
5/8/2022	8:00 AM	0.0261	0.0
5/8/2022	8:10 AM	0.0261	0.0
		0.0265	0.0
		0.0265	0.0
		0.0268	0.1
		0.0268	0.1
3/20/2022	10:00 AM	0.0268	0.1
***Total**		**0.0268**	**0.1**

EI	Expansion Potential
0 to 20	Very Low
21 to 50	Low
51 to 90	Medium
90 to 130	High
>130	Very High

UNCORRECTED EXPANSION INDEX 1

CORRECTED EXPANSION INDEX **1**

For degrees of Saturation ≠ 50%, >40% and <60%

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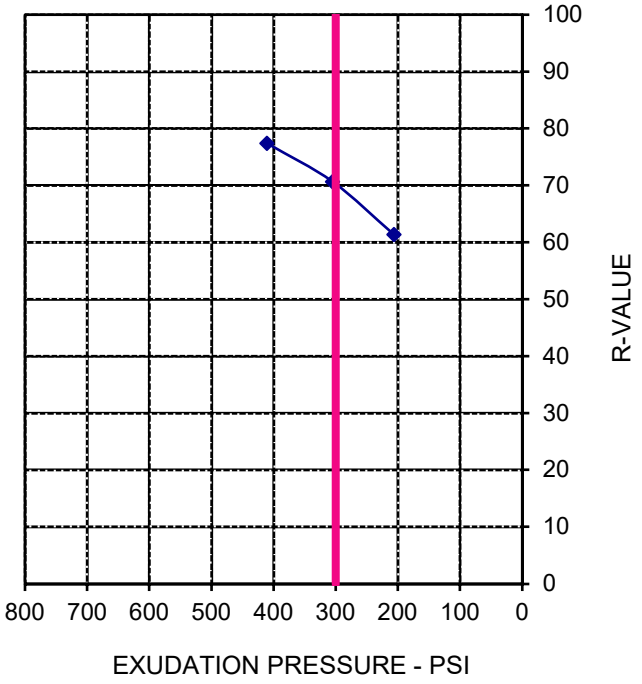
R-VALUE TEST DATA

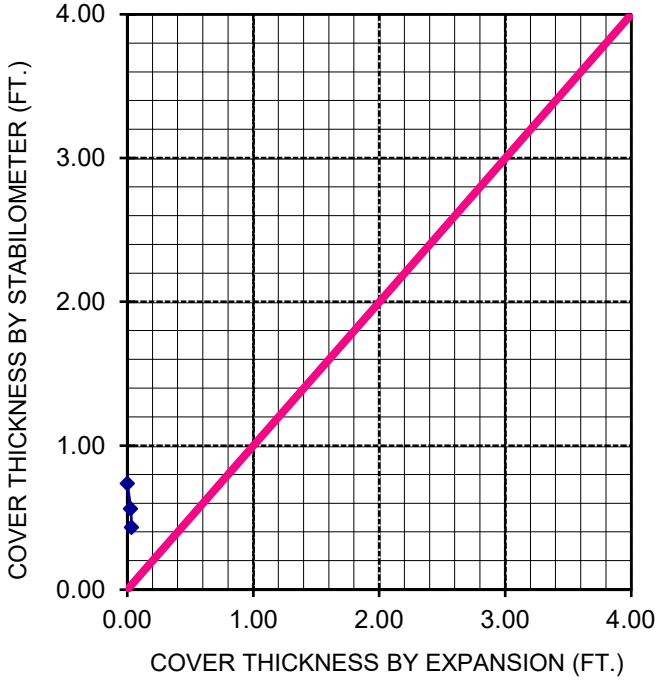
ASTM D2844

Project Name:	Rio Del Valle Middle School Oxnard		Tested By:	ST	Date: 05/23/22
Project Number:	TET 22-233E		Computed By:	KM	Date: 05/24/22
Boring No.:	B-1		Checked By:	AP	Date: 05/25/22
Sample No.:	SK-1	Depth (ft.): 0-5			
Location:	N/A				
Soil Description:	Silty Sand				

Mold Number	I	G	H	
Water Added, g	44	52	63	
Compact Moisture(%)	10.0	10.7	11.8	
Compaction Gage Pressure, psi	350	350	200	
Exudation Pressure, psi	411	305	206	
Sample Height, Inches	2.6	2.5	2.5	
Gross Weight Mold, g	2919	2918	2928	
Tare Weight Mold, g	1818	1827	1836	
Net Sample Weight, g	1101	1091	1092	
Expansion, inchesx10^{-4}	10	8	0	
Stability 2,000 (160 psi)	13/21	14/23	21/35	
Turns Displacement	5.26	6.19	5.62	
R-Value Uncorrected	76	71	61	
R-Value Corrected	77	71	61	
Dry Density, pcf	116.6	119.4	118.3	
Traffic Index	8.0	8.0	8.0	
G.E. by Stability	0.43	0.56	0.74	
G.E. by Expansion	0.03	0.03	0.00	

R-VALUE		
	By Exudation:	70
	By Expansion:	*N/A
	At Equilibrium: (by Exudation)	70
Remarks	Gf = 1.34, and 0.0 % Retained on the ¾" *Not Applicable	





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CORROSION TEST RESULTS

Client Name: Tetra Tech
Project Name: Rio del Valle Middle School Oxnard
Project No.: TET 22-233E

AP Job No.: 22-0480
Date: 05/16/22

Boring No.	Sample No.	Depth (feet)	Soil Description	Minimum Resistivity (ohm-cm)	pH	Sulfate Content (ppm)	Chloride Content (ppm)
B-1	SK-1	0-5	Silty Sand	4,659	8.7	66	18
B-2	SPT-4	7.5	Sandy Clay	1,119	8.4	446	44

NOTES: Resistivity Test and pH: California Test Method 643
Sulfate Content : California Test Method 417
Chloride Content : California Test Method 422
ND = Not Detectable
NA = Not Sufficient Sample
NR = Not Requested

Appendix C

Seismic Demand

OSHPD

Latitude, Longitude: 34.230770, -119.154630



Date	5/20/2022, 12:41:54 PM
Design Code Reference Document	ASCE7-16
Risk Category	II
Site Class	D - Stiff Soil

Type	Value	Description
S_S	1.842	MCE_R ground motion. (for 0.2 second period)
S_1	0.685	MCE_R ground motion. (for 1.0s period)
S_{MS}	1.842	Site-modified spectral acceleration value
S_{M1}	null -See Section 11.4.8	Site-modified spectral acceleration value
S_{DS}	1.228	Numeric seismic design value at 0.2 second SA
S_{D1}	null -See Section 11.4.8	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	null -See Section 11.4.8	Seismic design category
F_a	1	Site amplification factor at 0.2 second
F_v	null -See Section 11.4.8	Site amplification factor at 1.0 second
PGA	0.81	MCE_G peak ground acceleration
F_{PGA}	1.1	Site amplification factor at PGA
PGA_M	0.891	Site modified peak ground acceleration
T_L	8	Long-period transition period in seconds
SsRT	1.842	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	2.08	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	2.445	Factored deterministic acceleration value. (0.2 second)
S1RT	0.685	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	0.772	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.836	Factored deterministic acceleration value. (1.0 second)
PGAd	0.991	Factored deterministic acceleration value. (Peak Ground Acceleration)
C_{RS}	0.885	Mapped value of the risk coefficient at short periods
C_{R1}	0.887	Mapped value of the risk coefficient at a period of 1 s

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U.S. Geological Survey - Earthquake Hazards Program

Unified Hazard Tool

Please do not use this tool to obtain ground motion parameter values for the design code reference documents covered by the U.S. Seismic Design Maps web tools (e.g., the International Building Code and the ASCE 7 or 41 Standard). The values returned by the two applications are not identical.

Input

Edition

Dynamic: Conterminous U.S. 2014 (up…

Spectral Period

Peak Ground Acceleration

Latitude

Decimal degrees

34.23077

Time Horizon

Return period in years

2475

Longitude

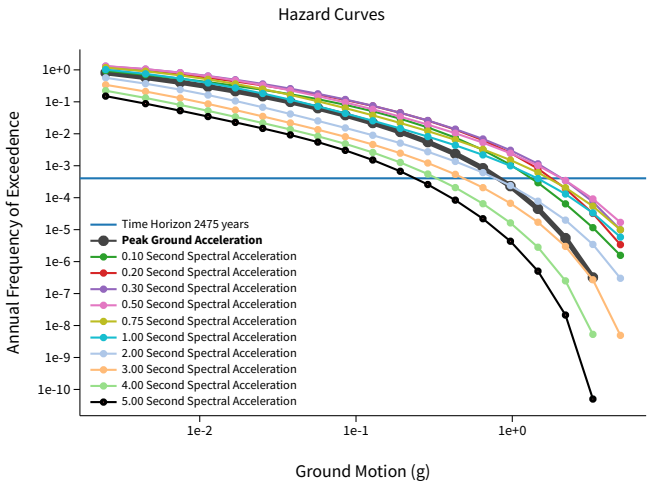
Decimal degrees, negative values for western longitudes

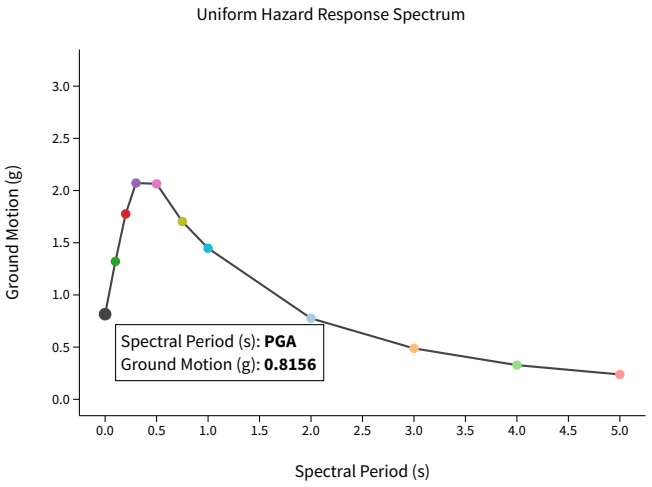
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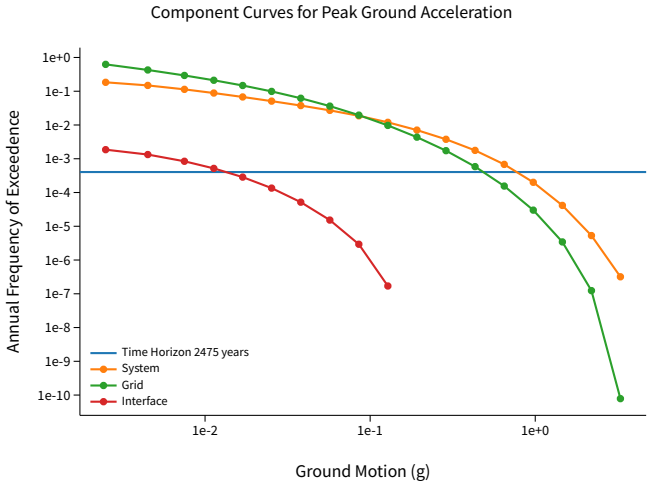
Site Class

259 m/s (Site class D)

Hazard Curve





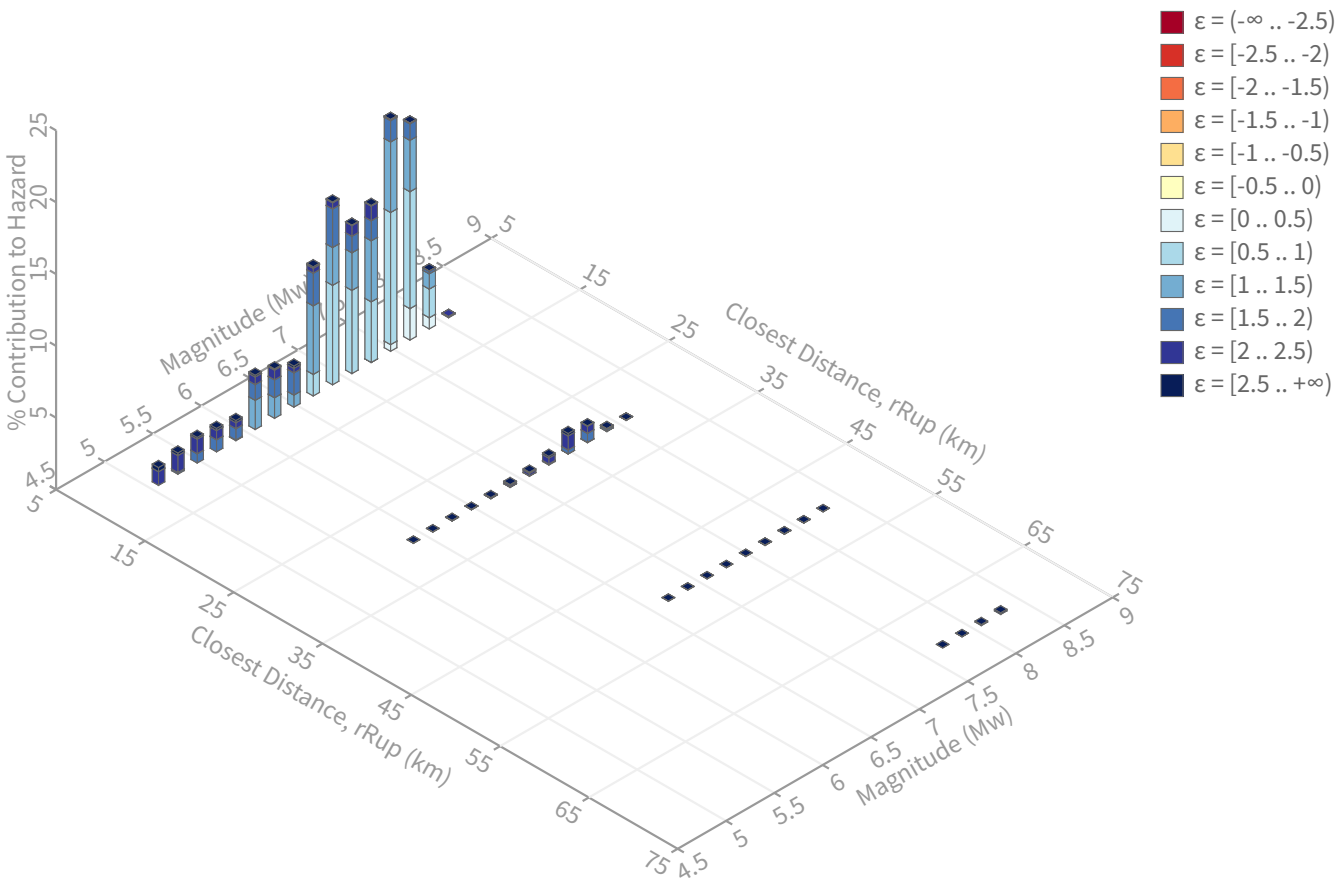


View Raw Data

Deaggregation

Component

Total



Summary statistics for, Deaggregation: Total

Deaggregation targets

Return period: 2475 yrs
Exceedance rate: 0.0004040404 yr^{-1}
PGA ground motion: 0.81555294 g

Recovered targets

Return period: 2878.8376 yrs
Exceedance rate: 0.00034736242 yr^{-1}

Totals

Binned: 100 %
Residual: 0 %
Trace: 0.07 %

Mean (over all sources)

m: 7.07
r: 8.18 km
ε_0: 1.26 σ

Mode (largest m-r bin)

m: 7.53
r: 6.87 km
ε_0: 0.99 σ
Contribution: 16.13 %

Mode (largest m-r-ε_0 bin)

m: 7.53
r: 5.91 km
ε_0: 0.75 σ
Contribution: 9.2 %

Discretization

r: min = 0.0, max = 1000.0, Δ = 20.0 km
m: min = 4.4, max = 9.4, Δ = 0.2
ε: min = -3.0, max = 3.0, Δ = 0.5 σ

Epsilon keys

ε0: [-∞ .. -2.5)
ε1: [-2.5 .. -2.0)
ε2: [-2.0 .. -1.5)
ε3: [-1.5 .. -1.0)
ε4: [-1.0 .. -0.5)
ε5: [-0.5 .. 0.0)
ε6: [0.0 .. 0.5)
ε7: [0.5 .. 1.0)
ε8: [1.0 .. 1.5)
ε9: [1.5 .. 2.0)
ε10: [2.0 .. 2.5)
ε11: [2.5 .. +∞]

Deaggregation Contributors

Source Set ↳ Source	Type	r	m	ε_0	lon	lat	az	%
UC33brAvg_FM32	System							43.29
Oak Ridge (Onshore) [0]		4.50	7.23	0.86	119.167°W	34.261°N	344.40	18.46
Ventura-Pitas Point [2]		7.76	7.43	1.23	119.186°W	34.292°N	338.08	5.11
Simi-Santa Rosa [6]		5.53	6.91	1.11	119.102°W	34.222°N	100.50	4.95
Oak Ridge (Onshore) [1]		7.72	7.55	1.02	119.113°W	34.285°N	33.51	4.20
Oak Ridge (Offshore) [5]		10.80	6.89	1.67	119.273°W	34.240°N	275.58	3.94
Channel Islands Thrust [0]		17.03	7.47	1.53	119.265°W	34.044°N	205.72	1.22
Red Mountain [0]		18.78	7.18	2.20	119.304°W	34.347°N	313.76	1.12
UC33brAvg_FM31	System							42.65
Oak Ridge (Onshore) [0]		4.50	7.29	0.83	119.167°W	34.261°N	344.40	19.50
Ventura-Pitas Point [2]		7.76	7.32	1.30	119.186°W	34.292°N	338.08	6.39
Simi-Santa Rosa [6]		5.53	6.90	1.12	119.102°W	34.222°N	100.50	5.03
Oak Ridge (Onshore) [1]		7.72	7.64	0.96	119.113°W	34.285°N	33.51	3.96
Channel Islands Thrust [0]		17.03	7.06	1.70	119.265°W	34.044°N	205.72	2.59
Red Mountain [0]		18.78	7.27	2.13	119.304°W	34.347°N	313.76	1.31
UC33brAvg_FM31 (opt)	Grid							7.06
UC33brAvg_FM32 (opt)	Grid							7.00

Appendix D

Liquefaction Evaluation

Summary of Liquefaction and Earthquake-Induced Settlement Analysis

Project:	TET 22-233E Rio del Valle Junior High School	Boring:	**B-1**	Engineer:	FC	Date:	5/20/2022

Liquefaction Evaluation Method	
Correction for fines content	Idriss & Boulang. 2008, 2014
Correction for overburden C_N	Idriss & Boulang. 2014 (N1)60cs
Cyclic resistance ratio of soil CRR_{CS}	Idriss & Boulang. 2004, 2014
Correction for overburden Kσ	Idriss & Boulang. 2008, 2014
Stress reduction factor r_D	Idriss 1999, I&B 2008,2014
Magnitude scaling factor MSF	Idriss & Boulang. 2014
Dry settlement	Pradel, 1998a,b
Liquefaction settlement	Yoshimine et al., 2006 – w/ calibration

Liquefaction behavior Plasticity Index threshold	less or equal to 7
Saturated settlement threshold	less or equal to 70% fines
Dry settlement threshold	less or equal to 25% fines
Cyclic softening Plasticity Index threshold	greater or equal to 18

Liquefaction Analysis Statistics		
Total thickness of evaluated profile	51.5	feet
Profile thickness susceptible to liquefaction	10	feet
Number of evaluated intervals	14	
Number of potentially liquefiable intervals	7	
Average Factor of Safety of sandy intervals	**1.85**	
Dry sand settlement	0.24	inches
Liquefaction settlement	1.00	inches
Total earthquake-induced settlement	**1.24**	**inches**

Profile			Earthquake loading	
In-Situ Groundwater depth	no GW	feet	M	7.5
DESIGN Groundwater depth	20.00	feet	PGA	0.891
DESIGN Excavation depth	0.00	feet		
DESIGN Surcharge (fill)	0.00	feet		

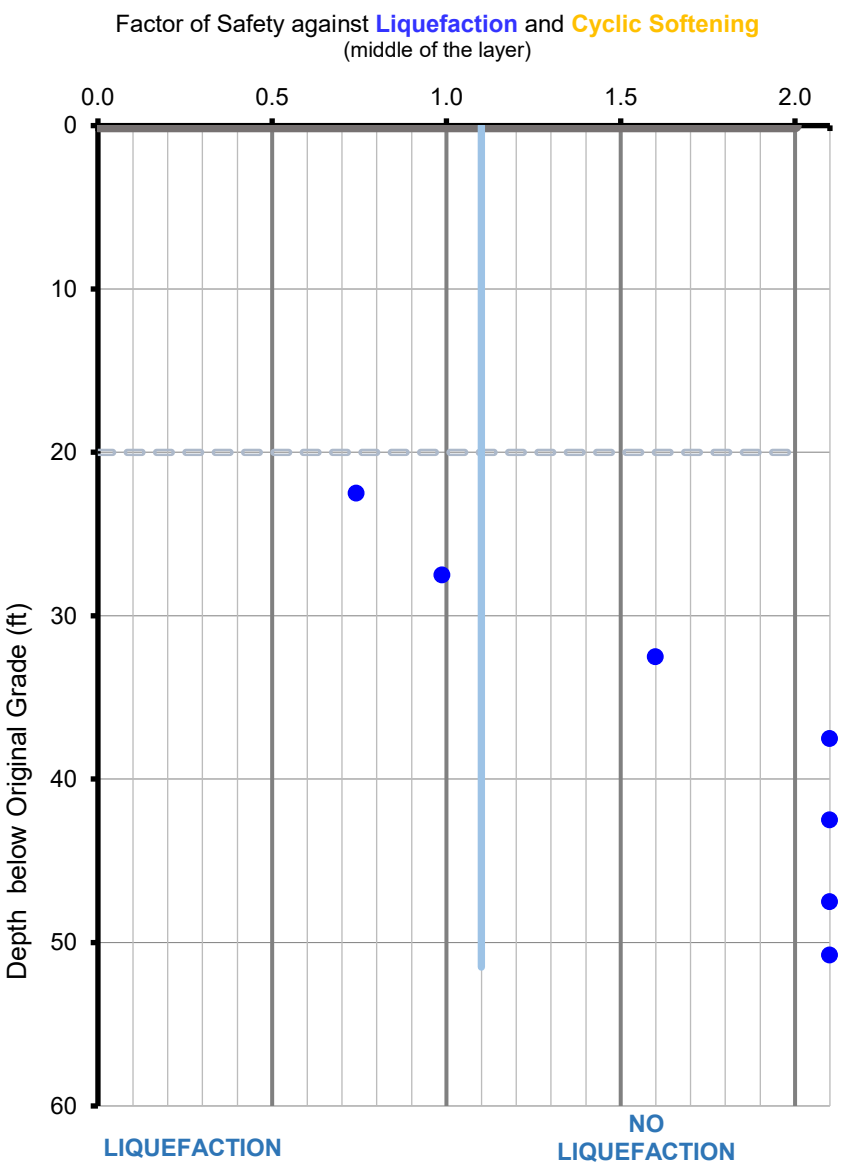
Checks	
Groundwater depth check	OK
Design groundwater/excavation depth check	OK
Fines correction method compatibility	OK
Idris & Boulanger, 2004 method for C_N	not used
Cetin 2009 settlement method	not used

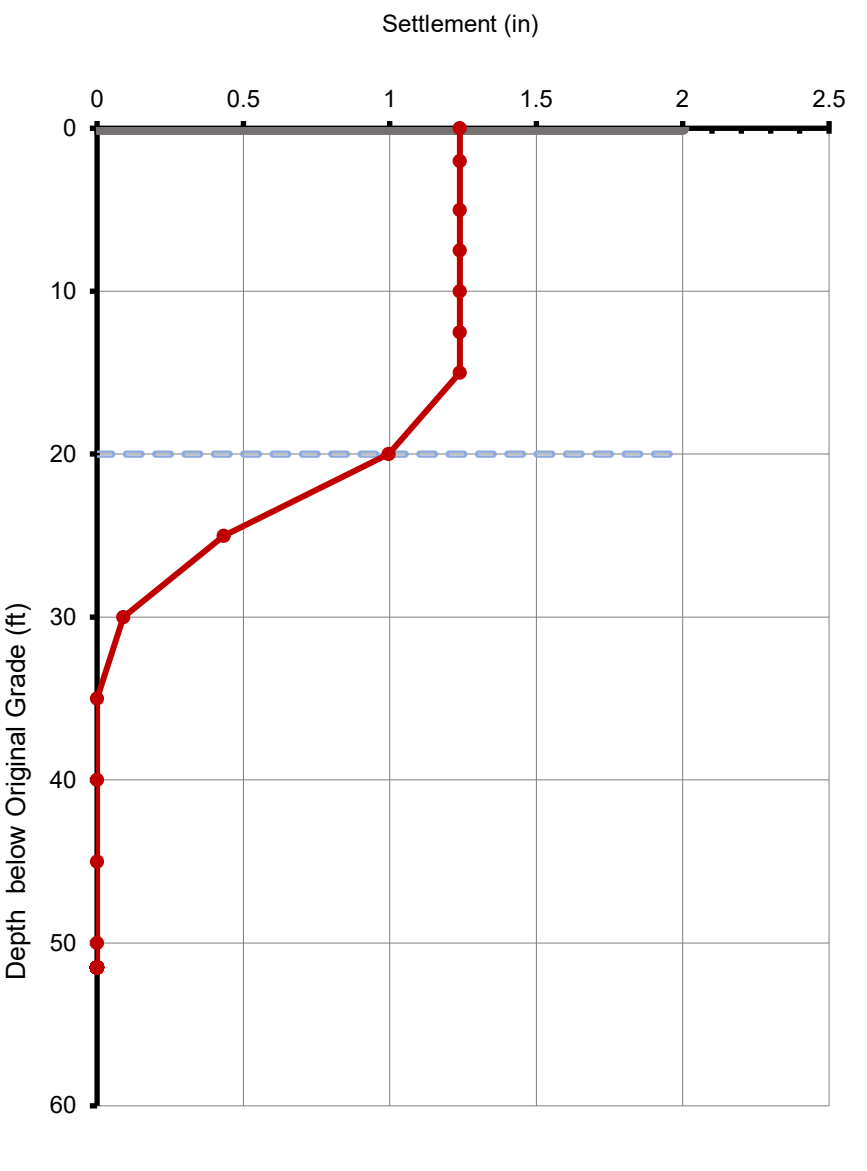
Version v2 2022-03

Depth to Layer Top	Layer Thickness	Total Unit Weight		Fines %	Plasticity Index	Considered Blowcounts			Factor of Safety		Liquefaction potential rationale	Layer Settlement	Cumulative Settlement
		In-situ	Design			SPT-N	N1,60	N1,60,cs	Liquefaction	Cyclic softening			
feet	feet	pcf	pcf	%	–	bpf	bpf	bpf			–	in	in
0	2	118.7	120.0	49	n/plastic	7.0	14.5	20.1	–	–	- no groundwater	0.00	1.24
2	3	118.7	120.0	49	n/plastic	3.5	7.2	12.8	–	–	- no groundwater	0.00	1.24
5	2.5	118.7	120.0	80	n/plastic	4.0	8.2	13.7	–	–	- no groundwater	0.00	1.24
7.5	2.5	118.7	120.0	46	n/plastic	7.0	11.8	17.4	–	–	- no groundwater	0.00	1.24
10	2.5	118.7	120.0	80	n/plastic	7.0	11.9	17.4	–	–	- no groundwater	0.00	1.24
12.5	2.5	116.2	120.0	80	n/plastic	4.2	6.6	12.1	–	–	- no groundwater	0.00	1.24
15	5	116.2	120.0	11	n/plastic	23.0	35.5	37.1	–	–	- no groundwater	0.24	1.24
20	5	112.3	120.0	11	n/plastic	19.6	27.7	29.3	0.74	–	- liquefieable (FS < 1.1)	0.56	1.00
25	5	112.3	120.0	11	n/plastic	23.0	30.5	32.1	0.99	–	- too dense - (N1)60,CS > 32	0.34	0.43
30	5	118.8	120.0	11	n/plastic	25.2	33.6	35.2	1.60	–	- too dense - (N1)60,CS > 32	0.09	0.09
35	5	118.8	120.0	11	n/plastic	30.0	38.9	40.6	2.56	–	- too dense - (N1)60,CS > 32	0.00	0.00
40	5	104.9	120.0	11	n/plastic	35.0	43.8	45.4	2.44	–	- too dense - (N1)60,CS > 32	0.00	0.00
45	5	104.9	120.0	11	n/plastic	50.0	60.7	62.3	2.35	–	- too dense - (N1)60,CS > 32	0.00	0.00
50	1.5	111.3	120.0	11	n/plastic	35.0	41.7	43.4	2.31	–	- too dense - (N1)60,CS > 32	0.00	0.00

B-1

Design excavation depth	0.00 feet
Design groundwater depth	20.00 feet





Summary of Liquefaction and Earthquake-Induced Settlement Analysis

Project:	TET 22-233E Rio del Valle Junior High School	Boring:	**B-2**	Engineer:	FC	Date:	5/20/2022

Liquefaction Evaluation Method	
Correction for fines content	Idriss & Boulang. 2008, 2014
Correction for overburden C_N	Idriss & Boulang. 2014 (N1)60cs
Cyclic resistance ratio of soil CRR_{CS}	Idriss & Boulang. 2004, 2014
Correction for overburden Kσ	Idriss & Boulang. 2008, 2014
Stress reduction factor r_D	Idriss 1999, I&B 2008,2014
Magnitude scaling factor MSF	Idriss & Boulang. 2014
Dry settlement	Pradel, 1998a,b
Liquefaction settlement	Yoshimine et al., 2006 – w/ calibration

Liquefaction Analysis Statistics		
Total thickness of evaluated profile	30	feet
Profile thickness susceptible to liquefaction	0	feet
Number of evaluated intervals	8	
Number of potentially liquefiable intervals	2	
Average Factor of Safety of sandy intervals	**2.84**	
Dry sand settlement	1.39	inches
Liquefaction settlement	0.00	inches
Total earthquake-induced settlement	**1.39**	**inches**

Liquefaction behavior Plasticity Index threshold	less or equal to 7
Saturated settlement threshold	less or equal to 70% fines
Dry settlement threshold	less or equal to 25% fines
Cyclic softening Plasticity Index threshold	greater or equal to 18

Profile			Earthquake loading	
In-Situ Groundwater depth	no GW	feet	M	7.5
DESIGN Groundwater depth	20.00	feet	PGA	0.891
DESIGN Excavation depth	0.00	feet		
DESIGN Surcharge (fill)	0.00	feet		

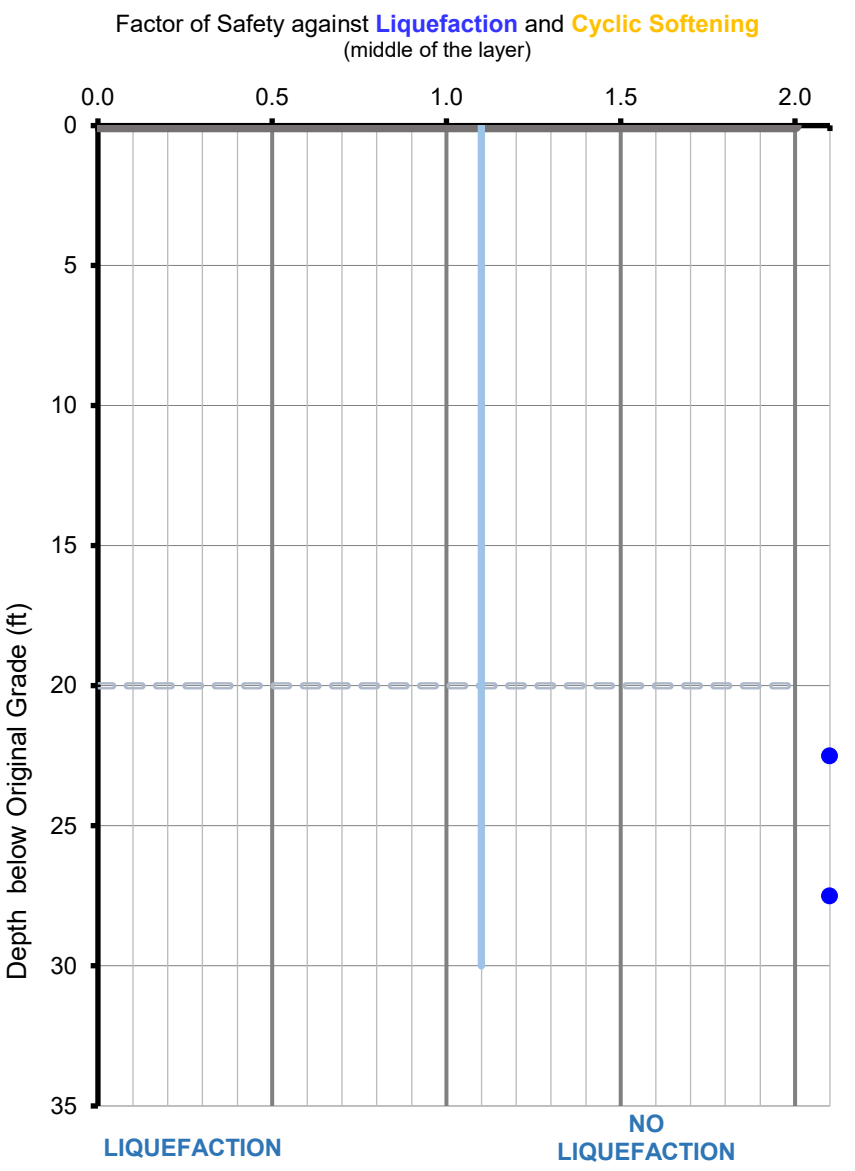
Checks	
Groundwater depth check	OK
Design groundwater/excavation depth check	OK
Fines correction method compatibility	OK
Idris & Boulanger, 2004 method for C_N	not used
Cetin 2009 settlement method	not used

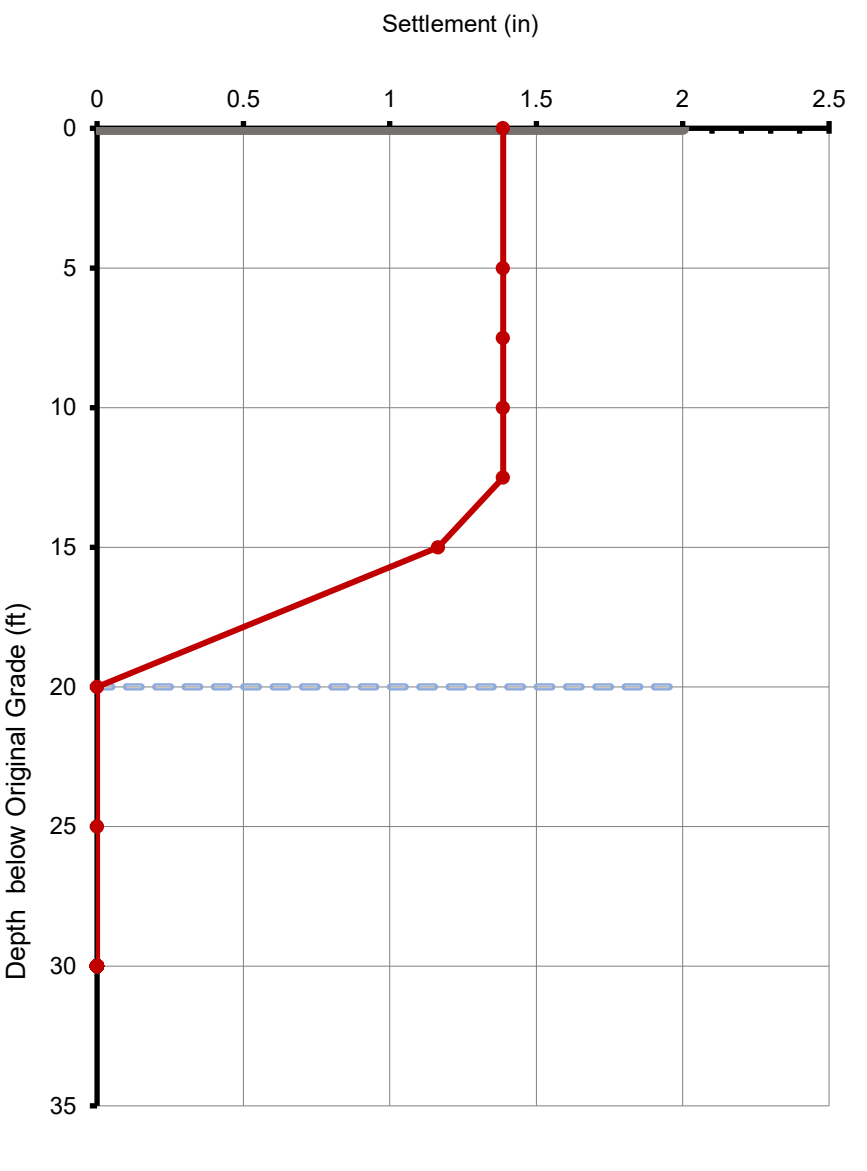
Version v2 2022-03

Depth to Layer Top	Layer Thickness	Total Unit Weight		Fines %	Plasticity Index	Considered Blowcounts			Factor of Safety		Liquefaction potential rationale	Layer Settlement	Cumulative Settlement
		In-situ	Design			SPT-N	N1,60	N1,60,cs	Liquefaction	Cyclic softening			
feet	feet	pcf	pcf	%	–	bpf	bpf	bpf			–	in	in
0	5	96.8	120.0	45	n/plastic	2.0	4.1	9.7	–	–	- no groundwater	0.00	1.39
5	2.5	96.8	120.0	45	n/plastic	6.3	13.0	18.6	–	–	- no groundwater	0.00	1.39
7.5	2.5	96.8	120.0	80	n/plastic	7.0	12.8	18.4	–	–	- no groundwater	0.00	1.39
10	2.5	115.7	120.0	80	n/plastic	9.1	16.4	21.9	–	–	- no groundwater	0.00	1.39
12.5	2.5	109.8	120.0	11	n/plastic	18.0	28.7	30.3	–	–	- no groundwater	0.22	1.39
15	5	112.3	120.0	11	n/plastic	12.6	20.6	22.2	–	–	- no groundwater	1.16	1.16
20	5	112.3	120.0	5	n/plastic	30.0	44.4	44.4	3.27	–	- too dense - (N1)60,CS > 32	0.00	0.00
25	5	112.3	120.0	5	n/plastic	26.6	36.7	36.7	2.41	–	- too dense - (N1)60,CS > 32	0.00	0.00
			120.0										
			120.0										
			120.0										
			120.0										
			120.0										

B-2

Design excavation depth	0.00 feet
Design groundwater depth	20.00 feet





Appendix E

CEQA Environmental Checklist Form
Section VII: Geology and Soils

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
IV. BIOLOGICAL RESOURCES. Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☐	☐
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	☐	☐	☐	☐
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	☐	☐	☐	☐
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	☐	☐	☐	☐
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	☐	☐	☐	☐
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	☐	☐	☐	☐
V. CULTURAL RESOURCES. Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource pursuant to § 15064.5?	☐	☐	☐	☐
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to § 15064.5?	☐	☐	☐	☐
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	☐	☐	☐	☐
VI. ENERGY. Would the project:				
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	☐	☐	☐	☐
b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	☐	☐	☐	☐
VII. GEOLOGY AND SOILS. Would the project:				
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:	☐	☐	☐	☐
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map, issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	☐	☐	☐	☑
ii) Strong seismic ground shaking?	☐	☑	☐	☐
iii) Seismic-related ground failure, including liquefaction?	☐	☑	☐	☐
iv) Landslides?	☐	☐	☐	☑
b) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☐	☑

Issues	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	☐	✔	☐	☐
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	☐	✔
e) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☐	✔
f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☐	☐	✔
VIII. GREENHOUSE GAS EMISSIONS. Would the project:				
a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	☐	☐	☐	☐
b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	☐	☐	☐	☐
IX. HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	☐	☐	☐	☐
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	☐	☐	☐	☐
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	☐	☐	☐	☐
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code § 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	☐	☐	☐	☐
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	☐	☐	☐	☐
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	☐	☐	☐	☐
g) Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	☐	☐	☐	☐
X. HYDROLOGY AND WATER QUALITY. Would the project:				
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	☐	☐	☐	☐
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	☐	☐	☐	☐
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	☐	☐	☐	☐

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E PHASE I ENVIRONMENTAL SITE ASSESSMENTS

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Job No. T40696

Phase I Environmental Site Assessment, Ten Acre Portion of APN 144-0-110-225 on North Rose Avenue Oxnard, California 93036

Prepared for:

Rio School District
1800 Solar Drive
Oxnard, California 93030

Prepared by:

Tetra Tech
5383 Hollister Avenue, Suite 130
Santa Barbara, California 93111

September 16, 2020

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1.0 INTRODUCTION

1.1 SUMMARY

This report presents the findings of a Phase I Environmental Site Assessment (ESA) prepared by Tetra Tech for the Rio School District (RSD) to evaluate Ten-Acre Portion of Assessor's Parcel No. (APN) 144-0-110-225 in the Oxnard planning area of Ventura County, California (hereinafter referred to as the Site). Sage Realty (Sage) is coordinating this project for Rio School District (RSD). The Site location is shown on Figure 1. Figure 2 shows existing conditions, the approximate boundary of the Site, and the adjacent areas.

The Site is currently used for the agricultural production of berries. Information provided by the RSD and Ventura County Assessor's office indicates that the Site is a 10-acre portion of APN 144-0-110-225, a 92.53-acre lot. The Site is bounded by North Rose Avenue on the northwest, land developed in berry cultivation on APN 144-0-110-225 on the on the northeast and southeast, and the RSD's Rio del Valle Middle School on the southwest (Figure 2).

The Phase I ESA was performed as part of the due diligence efforts required to support development of the Site by the RSD. It is our understanding that the RSD proposes to initially develop the Site for District office, and a maintenance, operations, and transportation (MOT) facilities. School site expansion may be performed in approximately 10 years.

This Phase I ESA was performed by Tetra Tech under contract with RSD, in accordance with our proposal dated April 21, 2020, and ASTM International (ASTM) Standard Practice E1527-13 document entitled *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM 2013). In addition, as a conservative measure the assessment was conducted in accordance with the guidelines of proposed Title 40, Code of Federal Regulations (40 CFR) Part 312, *Standards and Practices for All Appropriate Inquiries* (AAI) (Federal Register 2015).

1.2 PURPOSE AND SCOPE

The purpose of this Phase I ESA was to evaluate potential Recognized Environmental Concerns (RECs) associated with the areas of the Site included in the proposed modernization project. Pursuant to the updated ASTM standard effective November 1, 2013, ASTM defines RECs as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not recognized environmental conditions." This study was conducted to identify, to the extent possible and based on available information, whether former activities at or near the Site may have involved or resulted in the use, storage, disposal, and/or release of hazardous or potentially hazardous substances to the environment. Using professional judgement, Tetra Tech has developed an opinion regarding the potential for environmental concerns at the Site.

The scope of services performed for this project included the following tasks:

- Research and review of pertinent and readily available geologic and hydrogeologic literature and available historical aerial photographs and topographic maps of the Site and surrounding area;
- A reconnaissance of the Site and surrounding properties;

- Interviews with the current property owner, employees, and tenants;
- Evaluation of on-Site hazardous substance use, storage, and/or disposal;
- Interaction with appropriate municipal, regional, and state agencies to review available records and permits;
- Acquisition and review of a regulatory agency database report; and
- Preparation and submittal of this report summarizing the results of the Phase I ESA and presenting interpretations and recommendations.

1.3 METHODS OF INVESTIGATION

Literature Review. Available published and unpublished geologic, hydrogeologic, and environmental reports were reviewed. A list of these reports is presented in Section 10.0 of this report.

Topographic Map Review. Historical topographic maps obtained through Environmental Data Resources, Inc. (EDR) (EDR 2020) were reviewed to evaluate past land use and site development. These topographic maps are provided in Appendix A.

Aerial Photograph Survey. Historical aerial photographs obtained through EDR were reviewed and incorporated into this report (EDR 2020). This review consisted of examining the photographs for evidence of previous activities that may affect the environmental condition of the Site. The aerial photographs are provided in Appendix B.

Site Reconnaissance. Site reconnaissance, consisting of a walk-through visit of the Site and surrounding area. During the reconnaissance, visible indications of hazardous substance use, storage, and/or disposal practices were evaluated at the Site and adjacent areas. Photographs of the Site taken during the reconnaissance are provided in Appendix C.

Interviews. Interviews were conducted by email, telephone, or in person with various regulatory agency representatives (see below), and current Site occupants (business owners/managers) to obtain information on the Site history, land use, surrounding land use, and regulatory agency data.

Agency Contacts. During this assessment, the following agencies/organizations were contacted via email, telephone, personal interviews, and/or record searches for information relating to the Site:

- The California Environmental Protection Agency - Department of Toxic Substances Control (DTSC);
- California State Water Resources Control Board (SWRCB);
- Regional Water Quality Control Board, Los Angeles Region (LARWQCB);
- Ventura County (Air Pollution Control District, Environmental Health Division, Building Department, Fire Department, and Planning Department);
- California Department of Conservation Geologic Energy Management Division (CGEMD);

- National Pipeline Mapping System (NPMS); and
- U.S. Department of Homeland Security Federal Emergency Management Agency (FEMA).

Documentation of these contacts is provided in Appendix D.

Regulatory Agency Database and Sanborn Map Search. EDR maintains comprehensive environmental information databases and historical information, including Certified Sanborn Map Report and ERD-City Directories Abstract, and specializes in providing such data for use in real estate and environmental documents. EDR performed a search of multiple databases containing specific government records, each within a prescribed search radius of the Site. The search radii varied from 0.25 to 1 mile depending on the database. The specific search radii for each database are listed in the EDR report (Appendix E).

1.4 SIGNIFICANT ASSUMPTIONS, LIMITATIONS, AND EXCEPTIONS, SPECIAL TERMS AND CONDITIONS

1.4.1 Significant Assumptions

Information provided by others to Tetra Tech is assumed to be accurate and complete. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information. Unless such inquiry indicated otherwise, the information was considered accurate and complete. As discussed in Section 1.4.2, there are limitations to this assumption.

There were no other significant assumptions made during the conduct of this Phase I ESA.

1.4.2 Limitations and Exceptions

Tetra Tech did not significantly delete or deviate from the scope and limitations set forth in the ASTM Standard Practice E1527-13 document entitled "Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process", except for the following:

- A limited visual survey of the Site for the presence of suspect asbestos containing materials (ACMs), lead based paint (LBP) and other lead containing materials (LCMs), and obvious mold/microbial growth/moisture accumulation or water damage. Tetra Tech's limited visual inspection for suspect ACMs, suspect LBP and other LCMs, and obvious mold conditions or water damage included observations in readily and physically accessible areas. The limited visual survey was not a formal survey and was not performed by a certified asbestos, LBP/LCM, and mold inspector.
- A specific search for environmental liens and activity use limitations (AULs) was not performed for the Site parcels; however, the EDR RadiusMap™ Report with Geocheck® (EDR 2020) (which contains regulatory agency database listings for environmental liens) was reviewed for such information.

Our professional services have been performed, our findings obtained, and our conclusions prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. Tetra Tech is not responsible for the independent conclusions, opinions, or recommendations made by others based on the records review, Site inspection, and/or laboratory test data presented in this report.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn from information obtained from limited research and Site evaluation. Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this Site and surrounding properties. This report does not warrant against future operations or conditions, nor does this warrant operations or conditions present of a type or at a location not investigated. This report is not a regulatory compliance audit.

Tetra Tech reviewed past ownership of the Site with the intent to evaluate past Site usage. Tetra Tech is not a professional title insurance firm and makes no guarantee, either explicit or implied, that the listing which was reviewed represented a comprehensive delineation of past Site ownership or tenancy for legal purposes.

Certain information contained in this report may have been rightfully provided to Tetra Tech by third parties or other outside sources. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information; however, Tetra Tech does not make any warranties or representations, either expressed or implied, regarding the accuracy of such information, and shall not be held accountable or responsible in the event that any such inaccuracies are present.

1.4.3 Special Terms and Conditions

There were no special terms or conditions associated with this Phase I ESA.

1.5 USER RELIANCE

It is Tetra Tech's understanding that this Phase I ESA is being requested in conjunction with due diligence activities by the RSD. Tetra Tech recognizes that this report is to be used exclusively by RSD, and it is a report upon which RSD can rely, in accordance with the provisions of the contract between RSD and Tetra Tech.

1.6 STATEMENT OF QUALIFICATIONS

Tetra Tech is a leading provider of specialized management consulting and technical services in three principal business areas: resource management, infrastructure and communications. The Company's clients include a diverse base of public and private sector organizations serviced through more than 400 offices located in the United States and internationally.

Our technical staff have demonstrated competence and ability in preparing environmental assessments through long-term working relationships with local commercial firms and government agencies.

Tetra Tech has conducted environmental assessments at a wide variety of properties including industrial, manufacturing, commercial, and residential sites. Tetra Tech has performed Phase I ESAs for banks, private developers, county and city agencies, and commercial firms.

Tetra Tech personnel are well-trained and have extensive experience in the acquisition and interpretation of the collected data. Data gathering efforts focus on historic aspects of site activities that would contribute to spills, leakage or disposal of hazardous materials and petroleum products. Identifying contaminant issues that could impede development of the site, through either high costs or extended time periods for remedial actions, is a goal of data gathering and interpretation. Tetra Tech also identifies potential sources of contamination in the areas adjacent to the site, such as leaking underground storage tanks that could impact the site, and therefore become a REC.

2.0 SITE DESCRIPTION AND HISTORY

2.1 SITE LOCATION

The Site is located on a 10-acre parallelogram-shaped portion of APN 144-0-110-225, a 92.53-acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). The geographic coordinates of the Site are approximately Latitude 34° 14' 2.39" North, Longitude 119° 9' 10.61" West (Google Earth 2019). Surface elevations at the Site are approximately 90 feet above mean sea level (United States Geological Survey [USGS] 2018).

2.2 SITE VICINITY CHARACTERISTICS

The Site is located in an area developed primarily for residential and agricultural land use situated in the El Rio/Del Norte General Plan Area of Ventura County (Ventura County 2011). (Figures 1 and 2). The Ventura County zoning for Site and adjacent areas is shown on Figure 2 (Ventura County 2019; Ventura County Resource Management Agency Planning Division 2020). The Site and areas adjacent to the Site on the northeast and southeast are developed for agricultural production and the area on North Rose Avenue northwest of the Site are zoned AE-40 ac/MRP (Agricultural Exclusive minimum 40-acre lot/Mineral Resources Protection). The lot adjacent to the southwest of the Site occupied by the RSD's Rio del Valle Middle School is zoned RE-20,000 square ft (Rural Exclusive 20,000-square foot minimum lot). The area adjacent to the south corner of the Site on North Rose Avenue is zoned RE-20 ac (Rural Exclusive 20-acre minimum lot). The areas across North Rose Avenue from the Site are largely developed in residential housing are zoned RE-10,000 square ft (Rural Exclusive 10,000-square foot minimum lot) and RE-20,000 square ft (Rural Exclusive 20,000-square foot minimum lot).

2.3 CURRENT AND PAST USES OF THE SITE

Currently, the Site is used for agricultural production of organic raspberries. Historical aerial photographs and Google Earth images indicate that the Site was previously used for cultivation of row crops and orchards.

2.4 DESCRIPTION OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS

2.4.1 Site

At the time of the July 21, 2020 Site reconnaissance, the Site comprised an approximate 10-acre area of the 92.53-acre parcel owned by KMS Industries, Inc. and was leased by Reiter Affiliated Companies for raspberry production (Figure 2). The entire Site was planted in organic raspberries under shade structures when the Site reconnaissance was performed.

The utility providers for the Site are summarized in Table 1. Because the Site has been used for crop production since at least 1927 and no buildings or other facilities that require utilities are known to have existed on the Site, no utilities are located the Site. The water for crops at the Site is provided by five groundwater production wells owned and operated by the Site owner, KMS Industries, Inc. The locations of three of the KMS Industries, Inc. well are shown on Figure 2. All utilities in the Site area, except for electricity, are routed through pipelines and cables buried in the subsurface in the public right of way beneath North Rose Avenue.

Table 1: Utilities

Utility	Provider
Electricity	NA
Natural Gas	NA
Potable Water	NA
Crop Irrigation Water	Five groundwater production wells owned by KMS Industries, Inc.
Sewage Disposal	Rented portable restrooms
Refuse Disposal	Harrison Industries

2.4.2 Adjacent Residential and Commercial Areas

North Rose Avenue is located immediately adjacent to the northwestern Site boundary. The area across North Rose Avenue from the Site is largely developed in residential land use except for the water production well and water storage tank facility owned and operated by the Vineyard Avenue Estates Water Mutual Company at the corner of North Rose Avenue and Corsicana Drive (Kadah 2020). The groundwater production well (OH Well # 14), owned and operated by the United Water Conservation District (UWCD), is located immediately adjacent to the southwest corner of the Site (Kadah 2020). Rio del Valle Middle School is located adjacent to southwest Site boundary. The areas northeast and southeast of the Site are being used for raspberry production by Reiter Affiliated Companies (Figure 2). The UWCD El Rio Spreading Grounds are located approximately 0.25 to 1.0 mile north of the Site on the northwest side of North Rose Avenue. Water is diverted from the Santa Clara River to the El Rio Spreading Grounds to recharge the underlying aquifers (refer to Section 3.3.1).

2.5 HISTORICAL RECORDS REVIEW

Past uses of the Site and surrounding properties were evaluated by reviewing available historical map coverage, historical aerial photographs, and information obtained from various agencies identified in Section 1.3. The information collected is summarized in the following sections.

2.5.1 Sanborn Map

The EDR Sanborn Map Report is included in Appendix E. The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others, which track historical property usage in approximately 12,000 American cities and towns. The Sanborn Map Report indicated there were no Sanborn Maps for the Site area (EDR 2020).

2.5.2 City Directory Review

The City Director Review is included in Appendix E. The EDR-City Directory Abstract is a screening tool designed to assist in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five-year intervals. Listings were found in the City Directory under the Site address 3410 North Rose Avenue, Oxnard, CA 93036 for 1975, 1980, 1985, and 1986 indicating that the follow parties owned the Site:

- Petre, Archie, 1975;
- McGrath, Thos., 1980;

- McGrath, Thos., 1985; and
- Laubacher, Steve Jr., 1986.

All of these owner listings appear to be private individuals. A listing for 2002 did not have a party associated with it.

The ownership history for 63 properties on the streets in the residential neighborhood across North Rose Avenue northwest of the Site were listed for years ranging from 1961 through 1986. All owners listed appeared to be private individuals.

2.5.3 Topographic Map Review

The following historical USGS topographic maps were obtained from EDR (EDR 2020): 15-minute Topographic Series Santa Paula and Hueneme maps dated 1903, 1904, 1941, 1943, and 1947; and 7.5-minute Topographic Series Saticoy, Oxnard, and Camarillo maps dated 1951, 1967, and 2012. Copies of the maps are provided in Appendix A. The maps were reviewed to evaluate previous development of the Site, adjoining properties, and surrounding areas.

The 15-minute 1903/1904 map displays the current major roads near the Site, including unnamed roads on the current alignments of North Rose Avenue, Central Avenue, Santa Clara Avenue, and the US 101 freeway. One building exists directly across the Site on the other side of the unnamed road on the current alignment of North Rose Avenue. A few buildings are scattered throughout both sides of unnamed road on the current alignment of North Rose Avenue. The community of El Rio is identified approximately 0.5 mile west of the Site.

The 15-minute 1941/1943 map displays the Site in an agricultural field, denoted by small green dots that indicate it is an orchard. A building is shown directly northeast of the Site on the east side of Ditch Road (renamed North Rose Avenue in 1963 [Find a Grave 2020]) and no building exists directly across from the Site northwest of Ditch Road (present-day North Rose Avenue). Ventura Boulevard is shown on the current alignment of the US 101 freeway, and Santa Clara Avenue and Vineyard Avenue are identified. Farmland is scattered throughout the map. More development is present southeast of the Site on the corner of present-day US 101 and Santa Clara Avenue.

The 15-minute 1947 map does not display any significant changes from the 15-minute 1941/1943 map.

The 7.5-minute 1951 map presents added farmland throughout the area, signified by yellow-green dots that indicate orchards. Furthermore, the town of El Rio is more developed. Now, about three buildings exist approximately 260 to 370 feet northeast of the Site. The road network is similar to the 1947 map.

The 7.5-minute 1967 map exhibits numerous more roads between the Site and Vineyard Avenue with a configuration similar to the present. The Rio del Valle Middle School is shown southwest of the Site identified as “Del Valley Sch”. The Ventura Freeway (US 101 freeway) is along the former alignment of Ventura Boulevard. Two new residential neighborhoods are shown south of the US 101 freeway and El Rio. New buildings can be found at the very northern section of the map northeast of Central Avenue.

The 7.5-minute 2012 map shows significant enlargement of the road network in the town of El Rio and south of the Site including Auto Center Drive and Ventura Boulevard north of the US 101 freeway and new road networks south of the US 101 freeway. The areas north and west of the Site are shown as vacant land.

The Rio del Valle Middle School adjacent to the Site is not displayed on this map. The UWCD El Rio Spreading Grounds are shown approximately 0.25 mile northwest of the Site.

2.5.4 Aerial Photograph Review

A review of historical aerial photographs obtained from EDR included photographs dated 1927, 1938, 1947, 1953, 1959, 1967, 1978, 1985, 1994, 2005, 2009, 2012, and 2016 (EDR 2020). Historical aerial photographs dating from 1958 from the University of California Santa Barbara (UCSB) Library Map and Imagery Laboratory were also reviewed (UCSB Library Map and Imagery Laboratory 2020). The photographs are included in Appendix B. A summary of the data from the aerial photography is provided in the following paragraphs.

The 1927 photograph is a black and white image at a scale of one inch equals 500 feet. The Site is within a larger lot of land (approximately 100 acres) and is cultivated with grain as are the areas adjacent to the Site on the south, east, and north. A road (present-day North Rose Avenue) is adjacent to the northwest Site boundary along the current alignment of North Rose Avenue. The lot to the northwest of the Site across Ditch Road contains orchards. Approximately 300 feet to 400 feet northeast of the Site is a large residential/farmyard area with four structures and a farmyard. Windrows of eucalyptus trees line the entire visible portion of Ditch Road and many of the lot parcel boundaries. Relict arcuate lineation patterns from former channels of the Santa Clara River flood plain are visible on the ground surface throughout the image.

The 1938 photograph is a black and white image at a scale of one inch equals 500 feet. An orchard has been planted on the Site and on the land adjacent to the Site on the south and southeast within the larger parcel which includes the Site. A dark line trending northwest-southeast through the southwest portion of the Site appears to be an irrigation ditch. Recently planted eucalyptus windrows are visible along the northeast Site boundary extending through the entire parcel that the Site is a part of, and along the southeast boundary of the entire parcel that the Site is a part of. The residential/farmyard area approximately 300 to 400 feet northeast of the Site has a similar appearance to the 1927 image. An orchard of larger trees is present on the land northeast of the Site. The parcels north of the Site across Ditch Road and to the south of the larger parcel the Site is part of are cultivated in grain while the parcel northwest of the Site across Ditch Road contains orchards. Relict arcuate lineation patterns from former channels of the Santa Clara River flood plain are still visible on the ground surface throughout the image.

The 1947 photograph is a black and white image at a scale of one inch equals 500 feet. The Site and adjacent areas appear similar to the 1938 photograph, except that the orchards and windrow trees are more mature. The residential/farmyard area approximately 300 feet to 400 feet northeast of the Site has a similar appearance to the 1938 image. More orchards have been planted on the southeast side of Ditch Road including on the parcel to the south of the larger parcel which includes the Site. Collins Street and Stroube Streets have been constructed approximately 1,475 feet and 2,100 feet southwest of the Site on the northwest side of Ditch Road with residential lots on each side of them. The relict arcuate lineation patterns from former channels of the Santa Clara River flood plain are still visible on the ground surface on the lot north of the Site on the northwest side of Ditch Road (which is planted with row crops and grain) but have been largely obliterated in the south part of the image including the Site area.

The 1953 photograph is a black and white image at a scale of one inch equals 500 feet. The Site and adjacent areas, and the areas on the southeast side of Ditch Road appear similar to the 1947 photograph. The residential/farmyard area approximately 300 to 400 feet northeast of the Site has a similar appearance to the 1947 image. More residential development has occurred on the northwest side of Ditch Road with new lots and housing along Orange Drive, Walnut Drive, and Corsicana Drive across from the Site. The large lot to the north of the Site on the northwest side of Ditch Road is planted in grain with the relict arcuate

lineation patterns from former channels of the Santa Clara River flood plain are still visible on the ground surface.

The 1958 photographs are black and white images at a scale of one inch equals 800 feet. The Site and adjacent areas on the entire parcel that the Site is a part of have been cleared of the orchards and eucalyptus windrows visible in previous images, with a small remnant of eucalyptus windrows approximately 850 feet long on the northwest side of Ditch Road across from the Site. The Site appears to have been recently graded with two dirt roads trending northwest-southeast through the Site. A cleared, unpaved yard approximately 125 feet long from northeast to southwest and 60 to 100 feet wide from northwest to southeast straddles the north corner of the Site along Ditch Road. A rectangular gable roofed structure approximately 30 feet wide by 40 feet long is located in the southern corner of this yard straddling the Site boundary. Four automobiles and three trucks are parked in this yard. Pole-mounted electrical power lines are visible along the southeast side of Ditch Road and a bank of pole-mounted transformers is visible near the southern corner of the Site. A recently planted orchard is visible in the east-southeast area of the larger parcel which includes the Site. Ditch Road has been widened to include a central left turn lane. The two southern structures in residential/farmyard area approximately 300 feet to 400 feet northeast of the Site are no longer present. More residential development has occurred on the northwest side of Ditch Road with new lots and housing along Helsam Avenue, Salem Avenue, Simon Way, Will Avenue, Lamar Avenue, George Street, and Ditch Road. The Rio Plaza Elementary School is visible approximately 1,650 feet northwest of the Site. Residential development is visible on the southern corner of the large lot to the north of the Site on the northwest side of Ditch Road with the remainder developed with water infiltration ponds. The relict arcuate lineation patterns from former channels of the Santa Clara River flood plain visible in previous images are totally gone.

The 1959 photograph is a black and white image at a scale of one inch equals 500 feet. The appearance of the Site and all areas in the image is similar in appearance to the 1958 image.

The 1967 photograph is a black and white image at a scale of one inch equals 500 feet. The Site and adjacent areas on the entire parcel that the Site is a part of to the north and east of the Site contain orchards. The Rio del Valle Middle School is present immediately adjacent to the southwest side for the Site on a new lot that includes approximately 5.7 acres that were formerly part of the larger lot which includes the Site. The school includes nine buildings, a parking lot along North Rose Avenue, a track, two baseball fields, two paved court areas, and turfed fields. The remainder of the area on the southeast side of North Rose Avenue is developed in orchards. North Rose Avenue has four lanes and median islands similar to its current configuration. The residential/farmyard area approximately 300 feet to 400 feet northeast of the Site has a similar appearance to the 1959 image. The area on the northwest side of North Rose Avenue is similar in appearance to the 1959 image.

The 1978 photograph is a black and white image at a scale of one inch equals 500 feet. The Site is part of a larger orchard that occupies the lager parcel which includes the Site. The appearance of the Site and all areas in the image is similar in appearance to the 1967 image except some of the areas formerly planted with orchards have been converted to row crops. Pole-mounted electrical power lines are visible along the southeast side of North Rose Avenue and a bank of pole-mounted transformers are visible near the southern corner of the Site. A track is now present at the Rio del Valle Middle School.

The 1985 photograph is a black and white infrared image at a scale is one inch equals 500 feet. The appearance of the Site and all areas in the image is similar in appearance to the 1978 image except the Site and all of the farmland on the southeast side of North Rose Avenue have been converted to row crops.

The 1994 photograph is a black and white image at a scale of one inch equals 500 feet. The appearance of the Site and most areas in the image is similar in appearance to the 1985 image. All the structures in the residential/farmyard area approximately 300 feet to 400 feet northeast of the Site are gone. Auto Center Drive and commercial businesses are now present to the south of the Site.

The 2005 photograph is a colored photograph at a scale of one inch equals 500 feet. The appearance of the Site and most areas in the image is similar in appearance to the 1985 image. The Site and most of the farmland southeast of North Rose Avenue appear to be planted in strawberries. New parking lots and buildings are visible along Auto Center Drive to the south of the Site. The agricultural land neighboring the school and Site has been divided into long, rectangular parallel parcels.

The 2009, 2012, and 2016 are colored photographs with a scale of one inch equals 500 feet. The appearance of the Site and most areas in the image is similar in appearance to the 2005 image. The Site is planted in strawberries in the 2009 and 2016 images and row crops in the 2012 image.

2.5.5 Agency Records Review

The following is a summary of information obtained from correspondence with agencies during this assessment. These agencies were contacted via email, telephone, and/or records searches for information relating to the Site and surrounding areas. Documentation obtained from the various agencies is included in Appendix D.

2.5.5.1 California Department of Conservation, The Geologic Energy Management Division

Tetra Tech reviewed the Geologic Energy Management Division's (CalGEM, formerly DOGGR) online mapping application Well Finder (CalGEM 2020), Map 214 (California Department of Conservation, Division of Oil, Gas, and Geothermal Resources [DOGGR] 2000]), and associated well history documents to evaluate potential presence of oil fields and wells within the Site vicinity (Appendix D). Records indicate that the Site is not located in an oil field. The nearest oil field to the Site is the Santa Clara Avenue Field, located approximately 0.5 to 1 mile southeast of the Site. There are no known active or abandoned wells on Site. Two plugged wells are located within 0.4 miles or less of the Site. The online map shows that well "McGrath-McCormick 1", located approximately 500 feet northeast of the Site, is the oil well closest to the Site. This well was drilled by Union Oil Company of California to a depth of 11,058 feet and abandoned and plugged in 1959 as a dry hole (non-oil producing). Another plugged dry hole well, "Snodgrass 1", is located 0.4 miles west of the Site. The well was drilled by Shell Western E&P Inc. in 1928 "for geologic information only" to a depth of 1,530 feet and abandoned.

2.5.5.2 California State Water Resources Control Board

Tetra Tech reviewed online resources at the California Environmental Protection Agency (Cal EPA) State Water Resources Control Board (SWRCB) GeoTracker database (SWRCB 2020) for any records pertaining to the Site (Appendix D). The GeoTracker database includes files from the Ventura County Resource Management Agency Environmental Health Division (VCEHD). The GeoTracker database did not show any records for cases located on the Site. According to the GeoTracker database, two closed Leaking Underground Storage Tanks (LUSTs) are present approximately 0.25 miles northeast of the Site on North Rose Avenue. In addition, another LUST cleanup site is present approximately 0.5 miles northeast of the Site, also on North Rose Avenue.

Two LUST cleanup sites, UWCD El Rio Booster Pumping STN (T0611171990) and Oxnard College-Tech Building (T0611100790) are located on North Rose Avenue, just south of the UWCD facilities and 0.25

northeast of the Site. No cleanup action reports for these sites exist on the GeoTracker database. The UWCD El Rio LUST leak was discovered, reported, and mitigated in 2003. The contaminant of concern (COC) was potential lead soil contamination. The Oxnard College LUST leak was discovered and reported in 1991 and was closed with no further action in 2003. This tank's COC was potential oil soil contamination. These sites do not pose a risk to the Site.

The Donlon Citrus Company LUST cleanup Site (T0611193065) is located 0.5 miles northeast of the Site on North Rose Avenue. No cleanup action reports exist on the GeoTracker database. Its leak was discovered and reported in 2000 and the site was closed with no further action in 2003. This tank's COC was lead. This site does not pose a risk to the Site.

2.5.5.3 Department of Toxic Substances Control

Tetra Tech reviewed online resources provided by the DTSC for any records pertaining to the Site. No records for the Site were located in the DTSC EnviroStor database (Appendix D). One school cleanup site, Rio Vista Middle School, was identified within 1-mile northwest from the Site. In 2009, the DTSC issued a No Further Action letter for the site and certified that all response actions have been completed (DTSC 2020). This site does not pose a risk to the Site.

2.5.5.4 Ventura County Resource Management Agency Environmental Health Division

All pertinent VCEHD files for the Site area were reviewed in Section 2.5.5.2. The files reviewed are included in Appendix D.

2.5.5.5 Ventura County Certified Unified Program Agency

All pertinent Ventura County CUPA files for the Site area were reviewed in Sections 5.1.1 through 5.1.5 from records provided by EDR (EDR 2020). The information is included in Appendix E.

2.5.5.6 Hazardous Pipelines

Tetra Tech evaluated the Site area to determine if hazardous pipelines are located within 1,500 ft of the Site. California Code of Regulations (CCR) Title 5, Section 14010(h) defines hazardous pipelines as:

- Pipelines carrying chemical products, natural gas, and other hydrocarbon products that are operating at a pressure of 80 pounds per square inch gauge (psig) or higher; and
- High-volume water lines, which are defined as water lines 12 inches or greater in diameter, and open aqueducts of comparable and greater volume handling capacity.

Two potentially hazardous pipelines located with 1,500 feet of the Site were identified.

National Pipeline Mapping System

The U.S. Department of Transportation (DOT) Pipeline and Hazardous Materials Safety Administration NPMS website is an interactive database that maps the locations of hazardous liquid and gas transmission pipelines under DOT jurisdiction. Tetra Tech reviewed the NPMS website for information on hazardous liquid and gas transmission pipelines in the Site area. The NPMS data base indicated that no hazardous liquid pipelines are located within 1,500 feet of the Site (Appendix D). The nearest natural gas pipeline transmission pipeline under NPMS jurisdiction is located approximately 0.86 miles east from the Site along Santa Clara Avenue (NPMS 2020) (Appendix D).

City Oxnard Public Works

The City of Oxnard Public Works Water Division is the water purveyor for the Site area. Tetra Tech contacted the City of Oxnard Public Works Water Division for information on water pipelines within 1,500 feet of the Site and was provided with the City of Oxnard Water Atlas pages showing water pipelines within 1,500 feet of the Site (Magana 2020; City of Oxnard 2018; City of Oxnard 1992) (Appendix D). The City of Oxnard Water Atlas shows a 16-inch diameter steel water pipeline buried at approximately 4 feet below ground surface (bgs) operated by the City of Oxnard routed northeast-southwest beneath North Rose Avenue approximately 30 feet northwest of the Site (Figure 2).

United Water Conservation District.

The UWCD manages the water resources of the Santa Clara River and its associated aquifers and provides water to Ventura County and the cities of Oxnard, Port Hueneme, Ventura, Santa Paula, and Fillmore. The Oxnard Water Atlas indicates that the UWCD maintains a 42-inch water pipeline beneath North Rose Avenue approximately 40 feet northwest of the Site (Figure 2) (Magana 2020; City of Oxnard 2018) (Appendix D). The pipeline is constructed with cement mortar-lined steel and is buried at approximately 4 feet bgs (Kada 2020).

2.5.5.7 Federal Emergency Management Agency

Tetra Tech obtained the Flood Insurance Rate Map No. 06111C0910E for the Site vicinity from the FEMA website for information regarding the current location of flood zones (FEMA 2010). This information is summarized in Section 3.3.2.

3.0 PHYSICAL SETTING AND CONDITIONS

The Site is depicted on the Oxnard, California Quadrangle USGS 7.5-minute topographic series map (USGS 2018) (Figure 1). The geographic coordinates of the Site are approximately Latitude 34° 14' 2.39" north, Longitude 119° 9' 10.61" west. The EDR report indicates that the Site elevation is approximately 90 feet above mean sea level (amsl) (EDR 2020).

3.1 REGIONAL GEOLOGY

The Site is located in Ventura County on the Oxnard Plain of the central Ventura Basin within the Western Transverse Ranges geomorphic province of California. This geomorphic province is distinguished by the prevailing east-west linear trend of its geologic structure and geomorphology in contrast to the predominant northwest-southeast trend of the geomorphic features within most other provinces of the state. The province is bounded by major faults, including the San Andreas Fault zone in the northeast, the Big Pine fault in the north and the Malibu Coast fault in the south. Most of the faults in Ventura County are reverse faults which dip north, including the Pine Mountain, Red Mountain, San Cayetano, Santa Susana, Simi, Ventura and Malibu Coast faults (Norris and Webb 1990).

The Ventura Basin is large synclinal structure situated between the Santa Ynez Range and Topa Mountains on the north, the Channel Islands and Santa Monica Mountains on the south, the San Gabriel Fault on the east, and extending to the western end of the Santa Barbara Channel (Norris and Webb 1990). Structure in the Oxnard Plain is characterized by a series of broadly folded west-trending and east-northeast–trending anticlines and synclines associated with thrust and reverse faults that formed in the Saugus Formation and may have also deformed the overlying older alluvium (California Department of Conservation, California Geologic Survey [CGS] 2002).

3.2 LOCAL GEOLOGY

Locally, the Site is situated in the Oxnard Plain sub-province. Lithologic units of sedimentary origin underlying the nearly-flat Oxnard Plain are approximately 45,000 feet in thickness and consist of Upper Cretaceous, Tertiary, and Quaternary-age units which have been deposited on a pre-Upper Cretaceous base of igneous and/or metamorphic rock. Unconsolidated Holocene (last 11,000 years) sediments beneath the Site were deposited during the post-glacial period in marine, lagoonal, lacustrine, fluvial-flood plain, deltaic and eolian environments, including the pre-historic delta of the ancient Santa Clara River and Calleguas Creek and reach a depth of approximately 900 feet beneath the Oxnard Plain (Turner and Mukae 1975).

3.3 HYDROLOGY

3.3.1 Hydrogeology

The Site is situated at the eastern edge of the Oxnard Forebay basin, a subbasin of the larger Santa Clara-Calleguas groundwater basin. The Oxnard Forebay is an important groundwater recharge area for valuable resources of groundwater in aquifers underlying the Oxnard Plain. The unconsolidated sediments beneath the Oxnard Forebay and the project site are composed of both continental and marine deposits of Tertiary and Quaternary age. They contain multiple aquifers of coarse grain sediments with intervening fine grain aquitards. Aquifers have been grouped into an Upper Aquifer System (UAS) and a Lower Aquifer System (LAS) based on changes in geologic structure and separated in many areas by regional layers of low permeability clay. The UAS sediments are relatively flat lying and extend to approximately 400 feet beneath the Site. The sediments in the LAS are more structurally complex, resulting from folding and faulting. In the Oxnard Forebay, alluvial sediments in the subsurface are predominantly coarse grain sands

and gravels. Fine grain sediments, such as silts and clays, that can act as confining layers are generally absent or discontinuous. This condition allows for direct recharge of the UAS from the surface and some recharge of the LAS from the UAS in the subsurface (Fox Canyon Ground Water Management Agency 2017; Turner and Mukae 1975).

The first encountered groundwater beneath the Site is in the UAS. Review of potentiometric maps for the UAS from 1972 through 2018 indicate that the depth to groundwater ranged from approximately 33 feet bgs to 139 feet bgs during that time period (Fox Canyon Groundwater Management Agency 2015) (Appendix D). The most recent groundwater elevation data for spring 2018 indicates that the first encountered groundwater in the Site area was at approximately -39 feet below mean sea level (msl) or approximately 138 feet bgs (Fox Canyon Groundwater Management Agency 2019). The depth to the highest known historical groundwater level in the Site area is approximately 20 feet bgs (CGS 2002).

3.3.2 Flood Zoning

According to the FEMA Flood Insurance Rate Map No. 06111C0910E, the Site is not located in a flood hazard area (FEMA 2020) (Appendix D).

3.3.3 Wetlands

The EDR report indicates that the Site area is covered in the National Wetlands Inventory prepared by the U.S. Fish and Wildlife Service (USFWS) (EDR 2020) (Appendix D). The U.S. Fish and Wildlife Service maintains the National Wetlands Inventory (NWI), a geographic information system (GIS)-based relational database of wetlands that have been mapped throughout the country. Based on the information provided in the EDR Report and review of the USFWS map for the area surrounding the Site, the nearest wetland is the UWCD El Rio Spreading Grounds, located 0.25 to 1 mile north of the Site (USFWS 2020) (Appendix D).

3.3.4 Asbestos Containing Rocks

Tetra Tech has reviewed available topographic and geologic maps for the Site area and *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos* (CDMG 2000) for potential sources of naturally occurring asbestos (NOA) and believes the risk for NOA at the Site is low. The nearest sources of NOA are approximately 40 miles northwest of the Site in the Santa Ynez River Watershed of Santa Barbara County.

4.0 SITE RECONNAISSANCE AND INTERVIEWS

On July 22, 2020, Tetra Tech performed a visual reconnaissance of the Site property and conducted an interview with Mr. Luis Calderon, Director at Reiter Affiliated Companies, and Mr. Ben Lapointe, Broker Associate at Engel & Völkers West Hollywood. The purpose of the reconnaissance was to evaluate the Site and neighboring properties for visible indications of potential hazardous substance use, storage, and disposal, including the presence of underground storage tanks (USTs), above ground storage tanks (ASTs), asbestos-containing materials, polychlorinated biphenyl (PCB) containing transformers or electrical equipment, and/or evidence of soil staining, stressed vegetation, ponds, pits, sumps, suspicious odors, fill and depressions, drums and barrels, or any other condition indicative of potential contamination. Tetra Tech used the information provided in the interview to complete the Checklist for Phase I Site Visit (Appendix F). Mr. Calderon also completed the Phase I Environmental Site Assessment Owner/Occupant Questionnaire included in Appendix G.

4.1 SITE RECONNAISSANCE

Photographs were taken during the Site reconnaissance to document current conditions. Copies of the Site photographs are included in Appendix C. The Site layout is shown on Figure 2.

4.1.1 Storage Tanks and Drum Storage

No evidence for existing or past use of storage tanks (UST or ASTs) or drum storage was observed on the Site during the Site reconnaissance.

4.1.2 Hazardous Substances and Petroleum Products

Based on review of historical aerial photographs of the Site area, the Site was part of an orchard (possibly citrus) from at least 1938 to 1978. Smudge pots were commonly used to burn bunker oil for frost abatement in orchards during this time period. There is a potential that bunker oil from former smudge pot frost abatement activities at the Site is present in surface and near surface soil at the Site. No other potentially hazardous substances or petroleum products were identified at Site.

4.1.3 PCB-Containing Transformers and Equipment

One electrical power pole with three pole-mounted transformers is currently located at the boundary of southern corner of the Site along North Rose Avenue (Photos 3, 23, and 24, Appendix C). No evidence of transformer leakage, such as soil staining, was observed during the Site reconnaissance.

Mr. Jim Osborne from Southern California Edison (SCE) was contacted to provide further information about the transformers' size and the presence of PCBs. Mr. Osborne stated that the three transformers are 50 kilovolts (kV) each and were manufactured in 2004. Due to the somewhat recent manufacture date, it is unlikely that they contain PCB dielectric fluid. However, this cannot be confirmed unless a test is performed (Osborn 2020). It is not known whether other pole-mounted electrical transformers that contained PCB dielectric fluid were located at this location prior to 2004.

4.1.4 Stained Soils/Stains/Stressed Vegetation

No stained soils, stains, or stressed vegetation was observed on Site.

4.1.5 Asbestos-Containing Materials

During the Site reconnaissance, no buildings were observed on Site. Consequently, asbestos-containing materials are not present at the Site.

4.1.6 Lead-Based Paint

During the Site reconnaissance, no buildings were observed on Site. Furthermore, no buildings have ever existed on Site as reviewed in the historic aerial photos. Consequently, lead-based paint is not present at the Site.

4.1.7 Pipelines

Two high volume water transmission pipelines are located approximately at 30 and 40 feet west of the Site buried beneath North Rose Avenue (Magna 2020). These are considered to be potentially hazardous pipelines within 1,500 feet of the Site as defined in CCR Title 5, Section 14010(h) and are discussed in Section 2.5.4.6.

4.1.8 Electromagnetic Radiation

Title 5 of the California Code of Regulations (CCR) stipulates that a school site shall not be within the following distances from a high power electric transmission line:

- 100 feet from a 50-133 kV line;
- 150 feet from a 220-230 kV line; or
- 350 feet from a 500-550 kV line.

Pole-mounted electrical power lines owned and operated by SCE are located along the northwest Site boundary along North Rose Avenue (Figure 2).

Mr. Jim Osborne from SCE indicated that the kV rating for the electrical power lines are rated at 16 kV (Osborn 2020).

4.1.9 Hazardous Air Emitters

Tetra Tech evaluated the neighborhood during the Site reconnaissance for facilities or businesses considered likely to emit hazardous air pollutants; none were observed in the Site vicinity. Based on observations of surrounding properties and review of the EDR Radius Report (EDR 2020) (Appendix E) which tracks the emissions database inventory of the California Air Resources Board, there are no hazardous air emission sources located within 0.25 mile of the Site and it is unlikely that the Site would be impacted by hazardous air emissions.

4.1.10 Pesticides/Herbicides/Fertilizers

Based on review of historical aerial photographs of the Site area, the Site was part of an orchard (possibly citrus) from at least 1938 to 1978, and for row crop production from at least 1985 to the present. During the Site reconnaissance, it was confirmed that the Site is currently used as an organic raspberry farm and that no pesticides or herbicides are currently used. Therefore, it is likely that organochlorine pesticides

(OCPs) and arsenic-based presides were formerly used at the Site. OCPs were used for insect control on farms throughout the United States from the 1940s through 1972, when they were banned by legislation due to their toxic characteristics. They persist in the environment and are commonly found on lands that were farmed from the 1940s through 1972. Some OCPs, such as DDT, are human carcinogens.

4.1.11 Rodents

During the Site reconnaissance, no evidence of rodents was observed.

4.1.12 Potable Water Supply/Wells

No wells were observed at the Site during Site reconnaissance. In addition, the EDR report does not indicate that any water wells are located on the Site (Appendix E). Mr. Calderon stated that the water used to irrigate crops at the Site is from five groundwater production wells owned by the Site owner (KMS Industries, Inc.) located approximately 1,170 feet to 2,850 feet northeast of the Site and approximately 1,000 southwest of the Site (Calderon 2020) (Appendix D). The locations of three of the KMS Industries, Inc. wells are shown on Figure 2.

4.1.13 Wastewater

During Site reconnaissance, no industrial wastewater generation was observed.

4.1.14 Storm Water

Storm water runoff on the Site drains to the drainage ditches bordering the raspberry rows and is carried offsite to the southeast following the natural topography of the Site area (Photos 10 and 13, Appendix C).

4.1.15 Wetlands/Intertidal Lagoon

The EDR report indicates that the Site is covered in the National Wetlands Inventory prepared by the USFWS (EDR 2020) (Appendix E). Based on the information provided in the EDR Report and review of the USFWS map for the area surrounding the Site, the nearest wetland is the UWCD El Rio Spreading Grounds, located approximately 0.25 to 1 mile north of the Site (USFWS 2020) (Appendix D).

4.1.16 Sewage Disposal System/Septic Systems

No evidence of septic systems was noted at the Site during the reconnaissance.

4.1.17 Drains/Sumps/Vaults/Pools

During the Site Reconnaissance, no drains, sumps, vaults, or pools were observed.

4.1.18 Solid Waste

No evidence of solid waste disposal was observed at the Site. Domestic trash collection and disposal is managed by Harrison Industries.

4.1.19 Other Site-specific Environmental Conditions

There were no other Site-specific environmental conditions noted during the site reconnaissance.

4.2 INTERVIEWS

4.2.1 Reiter Affiliated Companies

Mr. Luis Calderon gave Mr. Steele and Ms. Sawaya a tour of the raspberry farm during the Site reconnaissance and answered questions about the Site. Mr. Calderon escorted the team along the border of the farm and through the agricultural rows. He answered questions regarding ASTs or USTs, pesticide/herbicide use, storage drums, etc. (Calderon 2020).

4.2.2 Interview with Past Owners and Occupants

There are no other past owners to interview. Past occupants were not able to be contacted.

4.2.3 Interview with Local Government Officials

Tetra Tech contacted local government officials at agencies where records for the Site were available and reviewed them. Additional information from interviewed government officials, if any, is included in the discussion in previous sections of this report.

4.2.4 Interview with Others

Mr. Jim Osborne, Planning Specialist with Southern California Edison, was contacted to inquire about neighboring powerline and transformer voltage and potential presence of PCBs. Mr. Michel Kadah, Engineer with UWCD, provided information about potential hazardous water pipelines and the water treatment facilities adjacent to the Site. Ms. Clara Magana of the City of Oxnard was contacted for information about water pipelines operated by the City of Oxnard in the Site area. No other interviews were conducted with individuals other than those cited in this section of the Report.

5.0 ENVIRONMENTAL RECORDS REVIEW

5.1 EDR RECORDS

As part of this assessment, Tetra Tech retained the services of EDR, a Connecticut-based company that maintains comprehensive environmental information databases and specializes in providing such data for use in real estate and environmental documents, such as this Phase I ESA. EDR performed a database search for the target property in accordance with current ASTM standards. A copy of this report is included as Appendix E.

Among the environmental databases searched were National Priorities List (NPL) sites; RCRA - Small Quantity Generators (RCRA-SQG); DTSC EnviroStor Database (ENVISTOR); Leaking Underground Fuel Tank Report (GEOTRACKER) (LUST); Statewide SLIC Cases (GEOTRACKER) (CPS-SLIC); Active UST Facilities (UST); Aboveground Petroleum Storage Tank Facilities (AST); California Environmental Protection Agency (CalEPA) Regulated Site Portal (CERS HAZ WASTE); Statewide Environmental Evaluation and Planning System Listing (SWEEPS UST); Hazardous Substance Storage Container Database (HIST UST); California Environmental Reporting System (CERS) Tanks (CERS Tanks); California Facility Inventory Database (Cal FID UST); "Cortese" Hazardous Waste & Substances Sites List (CORTESE); and Hazardous Waste & Substance Site List (HIST CORTESE); sites. Each of the databases was searched at a radius appropriate for ASTM E1527-13. Sites identified in the databases are listed and plotted in the complete environmental database report provided in Appendix E. The following includes a summary of information regarding the Site itself, properties immediately adjacent to the Site, and/or properties that have the potential to affect the Site based on their proximity to the Site.

5.1.1 On-Site EDR Listings

Listing 1. Listing 1 from the HIST UST database was identified by the EDR Report database search for the Site. The Hazardous Substance Storage Container Database is a historical listing of UST sites referenced to local/county sources. Listing 1 is from the GeoTracker database for the former Ditch Ranch. The data is a SWRCB Hazardous Substance Storage Container Information for Ventura County record dated June 6, 1988. The record is for a 550-gallon single-wall construction motor vehicle fuel/waste oil tank at the Ditch Ranch at 3410 North Rose Avenue, owned by the McGaelic Group. The record indicates that the UST was located on a farm, was empty, and that the contents were unknown.

Buildings and areas where fueling facilities would have been present onsite were not identified in the historical aerial photographs reviewed in Section 2.5.3. The historical UST associated with the HIST UST record for Listing 1 was likely located at the former site of the farmyard approximately 300 feet northeast of the Site. It is unlikely that the Site has been impacted by any material releases associated with this historical UST.

5.1.2 EDR Listings within 0.125 Mile of the Site

No listings were identified by the EDR Report database search for locations within 0.125 mile from the Site.

5.1.3 Properties Between 0.125 and 0.25 Mile from the Site

Five sites (Listings A2, A3, A4, B5, and B6) were identified by the EDR Report database search located 0.125 to 0.25 mile from the Site. The EDR database indicates that Listings A2, A3, A4, B5, and B6 are the UWCD located at 3561 North Rose Avenue, located approximately 0.14 to 2.15 mile north of the Site

boundary. Review of the Google Earth image dated April 2019 for the Site area indicates that the UWCD at 3561 North Rose Avenue is El Rio Spreading Grounds, located approximately 0.25 to 1.0 mile northeast of the Site Boundary (Google Earth 2019). Due to the database type, their distance from the Site, and regulatory status, Listings A2, A3, A4, B5, and B6 are not considered a REC for the Site. Because these listings are the nearest to the Site, the information for each of these listings from the database are summarized in detail below. Refer to the EDR report in Appendix E for more information.

Listing A2. Listing A2 was included in the CERS HAZ WASTE, SWEEPS UST, HIST UST, CERS TANKS, CA FID UST, and CERS databases and is 1 site of 3 in cluster A.

- The CERS HAZ WASTE database lists sites in the CalEPA Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs. The CERS HAZ WASTE database indicates Listing A2 is a hazardous waste generator.

- The SWEEPS UST is a statewide environmental evaluation and planning system for USTs. The listing was updated and maintained in the early 1990s and is no longer updated or maintained. The SWEEPS UST for Listing A2 was created in 1992 and indicates a 525 gallon UST was located at Listing A2.

- The HIST UST was described in the section for Listing 1. Listing A2 is from the GeoTracker database for the UWCD. The data for Listing A2 is a SWRCB Hazardous Substance Storage Container Information for Ventura County record dated June 6, 1988. The record is for a 580 gallon single wall construction fuel (unleaded gasoline) tank and a 211-gallon single-wall waste oil tank at the El Rio Booster Plant at 3561 North Rose Avenue. The tanks are owned by the UWCD.

- The CERS TANKS database lists sites in the CalEPA Regulated Site Portal, which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CERS TANKS database for Listing A2 indicates an above ground petroleum storage tank is present at the listing.

- The CA Facility Inventory Database (FID) UST contains a historical listing of active and inactive underground storage tank locations from the SWRCB. The CA FID UST database for Listing A2 indicates an UST was located at the listing.

- The CalEPA Regulated Site Portal Data (CERS) database combines data about environmentally regulated sites and facilities in California into a single database. This data includes hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials. The CERS database for Listing A2 cites violations for the storage and treatment of hazardous waste on August 14, 2013; September 2, 2014; August 25, 2016; and May 9, 2019, all of which were brought back into compliance.

Listing A3. Listing A3 was included in the AST database. This is site 2 of 3 in cluster A. The AST database lists all aboveground storage tank petroleum storage tank locations. The AST database for Listing A2 indicates an AST is present at the listing.

Listing A4. Listing A4 was included in the RCRA-SQG, ICIS, US AIRS, FINDS, HAZNET, and HWTS databases. This is site 3 of 3 in cluster A.

- The RCRA-SQG database is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The RCRA-SQG database for Listing A4 indicates the listing is a small quantity hazardous waste generator generating between 100 kilograms (kg) and 1,000 kg of hazardous waste per month.

- The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NDPES) program. The ICIS database for Listing A4 indicates that there was a notice of violation enforcement action for the UWCD/El Rio Booster Plant for an air violation. No date was provided.

- US Aerometric Information Retrieval System (AIRS) contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. No useful information was provided by this database listing.

- The Facility Index System (FINDS) contains both facility information and 'pointers' to other sources that contain more detail. No useful information was provided by this database listing.

- The HAZNET database lists facility and manifest data that is extracted from the copies of hazardous waste manifests received each year by the DTSC. Manifest data for shipping waste from 1994 through 2018 were contained in this database.

- The Hazardous Waste Tracking System (HWTS) is the Department of Toxic Substances Control's data repository for hazardous waste identification numbers and manifest information. No useful information was provided by this database listing.

Listing B5. Listing B5 was included in the UST database. This is site 1 of 2 in cluster B. The UST database lists active UST facilities gathered from the local regulatory agencies. The UST database for Listing B5 indicates that the facility is inactive.

Listing B6. Listing B6 was included in the LUST, HIST UST, Cortese, and CERS databases. This is site 2 of 2 in cluster B.

- The LUST database lists sites in GeoTracker. The LUST database for Listing B6 indicates that the case is closed.

- The HIST UST was described in the section for Listing 1. The data for Listing B is for two USTs; a 580 gallon single wall construction fuel (unleaded gasoline) tank and a 211-gallon single-wall waste oil tank at the El Rio Booster Plant at 3561 North Rose Avenue. The tanks are listed as owned by the UWCD.

- The Cortese database lists sites designated by the SWRCB LUST, the Integrated Waste Board, and the DTSC Cal Sites. The Cortese database for Listing B6 indicates there is a closed LUST Cleanup Site at this listing.

- The CERS database was described for Listing A2. The CERS database for Listing B6 indicates there was a LUST Cleanup Site at this listing.

5.1.4 Properties Between 1/4 and 1/2 Mile from the Site

Eleven sites (Listings 7, 8, 9, 10, C11, C12, C13, C14, 15, D16, and D17) were identified by the EDR Report database search located one quarter to one half mile from the Site. Due to the database type, their distance from the Site, and regulatory status, none of these sites are considered a REC for the Site. Each of these sites and their respective database listings are briefly summarized below. Refer to the EDR report in Appendix E for more information.

Listing 7. Listing 7 is the UWCD El Rio Booster Pumping Station at 3561 Rose Avenue, located approximately 0.3 miles north of the Site. Listing 7 was listed in the LUST, AST, Ventura Co. BWT, EMI, and CERS databases. The LUST, AST, and CERS databases were described in previous listing descriptions. The Ventura Co. BWT database list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information. Emissions Inventory Data (EMI) lists toxic and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Listing 8. Listing 8 is the Lexus of Oxnard at 1621 Auto Center Drive, located approximately 0.3 miles south of the Site. Listing 8 was listed in the LUST, Cortese, and CERS databases, which were described in previous listing descriptions.

Listing 9. Listing 9 is the Federal Express at 3150 Paseo Mercado, located approximately 0.4 miles southeast of the Site. Listing 9 was listed in the LUST, Cortese, NPDES, WDS, CIWQS, and CERS databases. The LUST, Cortese, and CERS databases were described in previous listing descriptions. The National Pollutant Discharge Elimination System (NDPES) database lists all NPDES permits, including stormwater. The Waste Discharge System (WDS) database lists sites that have been issued waste discharge requirements. The California Integrated Water Quality System (CIWQS) database is generated from a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Listing 10. Listing 10 is the Northfield Business Park on North Rose Avenue, located approximately 0.4 miles southwest of the Site. Listing 10 was listed in the CPS-SLIC, CHMIRS, and CERS databases. The CERS database was described in a previous listing description. Statewide SLIC Cases (CPS-SLIC), also known as Cleanup Program Sites (CPS), are sites included in GeoTracker. GeoTracker is the SWRCB's data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. California Hazardous Material Incident Report System (CHMIRS) contains information on reported hazardous material incidents (accidental releases or spills).

Listing C11. Listing C11 is the GTE-El Rio C.O. at 1505 Ventura Blvd., located approximately 0.4 miles southwest of the Site. Listing C11 was listed in the LUST, Cortese, HIST CORTESE, and CERS databases. It is site 1 of 4 in cluster C. The LUST, Cortese, and CERS databases were described in previous listing descriptions. HIST CORTESE, Hazardous Waste & Substance Site List, lists sites designated by the SWRCB LUST, the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (CALSITES).

Listing C12. Listing C12 is the GTE-El Rio Central Office at 1505 Ventura Blvd., located approximately 0.4 miles southwest of the Site. Listing C12 was listed in the LUST and CERS databases. The LUST and CERS databases were described in previous listing descriptions. It is site 2 of 4 in cluster C.

Listing C13. Listing C11 is the DCH Honda of Oxnard at 1500 E Ventura Blvd., located approximately 0.45 miles southwest of the Site. Listing C13 was listed in the RCRA-LQG, LUST, and CERS databases. It is site 3 of 4 in cluster C. The CERS database was described in a previous listing description. The Resource Conservation and Recovery Act – Large Quantity Generators (RCRA-LQG) database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste defined by RCRA.

Listing C14. Listing C14 is the Honda of Oxnard at 1500 Ventura Blvd., located approximately 0.45 miles southwest of the Site. Listing C14 was listed in the LUST and Cortese databases. It is site 4 of 4 in cluster C. The LUST and Cortese databases were described in previous listing descriptions.

Listing 15. Listing 15 is the Todey Lincoln Mercury at 1601 Ventura Blvd., located approximately 0.47 miles southwest of the Site. Listing 15 was listed in the LUST, SWEEPS UST, CA FID UST, Cortese, ENF, and CERS databases. The LUST, CA FID UST, Cortese, and CERS databases were described in previous listing descriptions. The Statewide Environmental Evaluation and Planning System underground storage tank listing (SWEEPS UST) was updated and maintained by a company contacted by the SWRCB in the early 1990s. The listing is no longer updated or maintained. The Enforcement Action Listing (ENF) database lists water board enforcement actions.

Listing D16. Listing D16 is the Donlon Citrus Co at 3840 Rose Avenue, located approximately 0.49 miles northeast of the Site. Listing D16 was listed in the LUST, UST, and CERS databases. It is site 1 of 2 in cluster D. The LUST, UST, and CERS databases were described in previous listing descriptions.

Listing D17. Listing D17 is the Donlon Citrus Company at 3840 North Rose Avenue, located approximately 0.49 miles northeast of the Site. Listing D17 was listed in the Cortese, HAZNET, and HWTS databases. It is site 2 of 2 in cluster D. The Cortese, HAZNET, and HWTS databases were described in previous listing descriptions.

5.1.5 Properties between 1/2 Mile and 1 Mile from the Site

Seven sites (Listing 18 through 24) were identified by the EDR Report database search located one half to one mile from the Site. Due to the database type, its distance from the Site, and regulatory status, this site is not considered a REC for the Site. Each of these sites and its database listings are briefly summarized below. Refer to the EDR report in Appendix E for more information.

Listing 18. Listing 18 is the Costco Wholesale No. 420 at 2001 E Ventura Blvd., located approximately 0.63 miles southeast from the Site. Listing 18 was listed in the RCRA-LQG, EnviroStor, FINDS, ECHO, HAZNET, MED WASTE VENTURA, CERS, and HWTS databases. . The RCRA-LQG, FINDS, HAZNET, CERS and HWTS databases were described in previous listing descriptions. The EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. Enforcement & Compliance History Information (ECHO) provides integrated compliance and enforcement information about 800,000 regulated facilities nationwide. MED WASTE VENTURA is a medical waste program list that protects public health and safety and the environment from potential exposure to disease causing agents. The Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the Ventura County.

Listing 19. Listing 19 is the Rio Vista Middle School on Vineyard & Walnut Avenue, located approximately 0.82 miles northwest from the Site. Listing 19 was listed in the EnviroStor and SCH databases. The EnviroStor database was described in a previous listing description. The School Property

Evaluation Program (SCH) category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Listing 20. Listing 20 is the Eastern Elementary School on East Vineyard Avenue/Simon Way, located approximately 0.84 miles northwest from the Site. Listing 20 was listed in the EnviroStor and SCH databases. The EnviroStor and SCH databases were described in previous listing descriptions.

Listing 21. Listing 21 is the Southern Pacific Milling Co. on 3555 Vineyard Avenue, located approximately 0.87 miles northwest from the Site. Listing 21 was listed in the EnviroStor, LUST, Ventura Co. BWT, Cortese, and CERS databases. The EnviroStor, LUST, Ventura Co. BWT, Cortese, and CERS databases were described in previous listing descriptions.

Listing 22. Listing 22 is the Teleflex Control Systems on 1950 Williams Drive, located approximately 0.89 miles south from the Site. Listing 22 was listed in the EnviroStor database.

Listing 23. Listing 23 is the Price Company on 2600 Vineyard Avenue, located approximately 0.98 miles west from the Site. Listing 23 was listed in the EnviroStor databases. The EnviroStor database was described in a previous listing description.

Listing 24. Listing 24 is the Ventura Oil on 3815 Vineyard Avenue, located approximately 0.98 miles northwest from the Site. Listing 24 was listed in the EnviroStor, LUST, CPS-SLIC, Ventura Co. BWT, EMI, Hazardous Waste & Substance Site List (HIS CORTESE), NDPES, CIWQS, and CERS databases. The EnviroStor, LUST, CPS-SLIC, Ventura Co. BWT, EMI, NDPES, CIWQS, and CERS databases were described in previous listing descriptions. The HIS CORTESE database lists sites designated by the SWRCB (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (CALSITES). This listing is no longer updated by the state agency.

5.2 PREVIOUS INVESTIGATIONS

No previous investigations of the Site are known to have occurred.

5.3 ENVIRONMENTAL CLEANUP LIENS

No environmental cleanup liens are known to have been filed against the Site under federal, state, or local laws.

5.4 RADON

Radon is a naturally occurring, odorless, colorless gas produced by certain geologic materials. It is known to be a human carcinogen and can pose a cancer risk greater than one in one million in humans at concentrations equal to or greater than 4 picoCuries per liter (pCi/L).

The EDR environmental database search indicated that Ventura County is in a Radon Zone 1 area. Zone 1 areas have a predicted average indoor screening level greater than 4 pCi/L. The EDR database search reported that of 18 sites listed in the California Radon database that have been tested for the zip code of 93036, one had a radon level greater than 4 pCi/L. The Federal Area Radon Information database reported 135 sites tested for radon in the 93036-zip code. The average concentration of tested sites was -0.185 pCi/L

in first floor living areas with 96% <4 pCi/L. The second floor living area average concentration was reported at 0.800 pCi/L with 100% of the tests at <4 pCi/L (EDR 2020).

The EDR report gives a passing result for the Site with no further action required. These findings suggest that there are no health concerns related to radon at the Site.

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6.0 USER-PROVIDED INFORMATION

Mr. Wael Saleh, Assistant Superintendent Business Services for RSD, completed the User Questionnaire for Phase I ESAs (Appendix H) as required by ASTM Standard E1527-05. The findings of the User Questionnaire for Phase I ESAs for the Site are summarized below.

6.1 ENVIRONMENTAL CLEANUP LIENS

For Item 1 of the User Questionnaire, Mr. Saleh indicated that he is not aware of any environmental cleanup liens against the Site.

6.2 ACTIVITY AND USE LIMITATIONS

For Item 2 of the User Questionnaire, Activity and Use Limitations (AULs), Mr. Saleh indicated that he is not aware of and AULs or use limitations for the Site.

6.3 SPECIALIZED KNOWLEDGE

For Item 3 of the User Questionnaire, Specialized Knowledge, Mr. Brock indicated they have no specialized knowledge of any environmental issues that might affect the Site.

6.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

For Item 4 of the User Questionnaire, Fair Market Value, Mr. Saleh indicated that the property purchase price was not significantly below fair market value.

6.5 OBVIOUS INDICATORS

For Item 5 of the User Questionnaire, Obvious Indicators, Mr. Saleh indicated that they did not know of any obvious indicators of possible contamination on or near the Site.

6.6 COMMON KNOWLEDGE

For Item 6 of the User Questionnaire, Obvious Indicators, Mr. Saleh responded as indicated in the underlined text below:

- Describe paste uses of the property: Not applicable (N/A).
- Describe specific chemicals that may have been present at the property: N/A.
- Describe any other information that may help us in identifying possible contamination: N/A.

6.7 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

The current owner of the Site is KMS Industries, Inc. The Site is leased by Reiter Affiliated Companies for berry production.

6.8 REASONS FOR PHASE I ESA PERFORMANCE

It is Tetra Tech's understanding that this Phase I ESA is being requested in conjunction with the purchase of the Site by RSD.

7.0 FINDINGS

7.1 GENERAL SITE CONDITIONS

The Site appeared to be well-maintained by Reiter Affiliated Companies. The organic raspberry farm is watered and maintained daily. The grounds were clean and well-kept. No buildings exist on Site. Additionally, no chemical products, storage drums, ASTs or USTs exist on Site. Dirt roads line the southern and western sides of the Site and separate rows of raspberries. No utilities currently are connected to the Site. Utilities serving the Site area are electricity (SCE) and natural gas (the Southern California Gas Company). Water for crop irrigation at the Site is provided by five groundwater wells owned by KMS Industries, Inc. Solid waste disposal is performed by Harrison Industries. The Site is adjacent to other areas currently being used for organic raspberry production on the northeast and southeast sides. Three pole-mounted electrical transformers are adjacent to the Site's southwest corner. A groundwater production well operated by the UWCD is located adjacent to the southern corner of the Site. The Rio del Valle Middle School is located adjacent to the southwestern Site boundary. Two high volume water transmission pipelines (one operated by the City of Oxnard and one operated by the UWCD) are located 30 and 40 feet northwest of the Site beneath North Rose Avenue. A groundwater production and treatment facility operated by the Vineyard Avenue Estates Water Mutual Company is located northwest of the Site across North Rose. The Site is not located in an oil field. The nearest oil field is the Santa Clara Avenue Field, located approximately 0.5 to 1 mile southeast of the Site. There are no known active or abandoned oil wells on Site. The "McGrath-McCormick 1", located approximately 500 feet northeast of the Site, is the oil well closest to the Site. The "McGrath-McCormick 1" oil well is a dry (non-oil producing) well that was drilled and abandoned in 1959.

7.2 RECS

Based on the information discussed in this Phase I ESA and Tetra Tech's understanding of current regulatory guidelines and judgment, the following four RECs have been identified for the Site. These RECs might pose a risk to future Site occupants (students, teachers, and school district employees).

7.2.1 REC 1: Potential Former Agricultural Pesticide Application

Potential impacts to surface and near surface soil at the Site from former pesticide applications associated with former agricultural land use practices is a REC for the Site. Because the Site was used for agricultural production from at least 1927 to the present, there is a potential that OCPs and arsenic-based pesticides were formerly applied to crops at the Site. Therefore, there is a potential that the Site surface and near surface soil is impacted with OCPs and arsenic from former pesticide application.

7.2.2 REC 2: Potential Bunker Oil Releases from Potential Former Smudge Pot Frost Abatement

The review of historical aerial photographs of the Site area indicates that the Site contained orchards for citrus fruit production for most of the time between at least 1938 through 1978. Smudge pots fueled with bunker oil and similar petroleum products were commonly used for frost abatement in orchards throughout California during this time period. There is a potential that bunker oil and/or similar petroleum products were released from smudge pots formerly used at the Site to surface and near surface soil. These types of petroleum products can persist over time and if released, may still be present at the Site in surface and near surface soil. This presents a REC for the Site.

7.2.3 REC 3: PCB-Containing Transformers

One electrical power pole with three pole-mounted transformers is currently located at the boundary of southern corner of the Site along North Rose Avenue. SCE has indicated that the transformers at this location were replaced in 2004 and it is not likely that these transformers contain dielectric fluids with PCBs. However, the review of historical aerial photographs indicate that pole-mounted transformers have been at this location since at least 1959. There is a potential that transformers containing PCBs that may have been formerly used at this location and released dielectric fluids containing PCBs to the surface and near surface soils beneath them. This presents a REC for the Site.

7.2.4 REC 4: Hazardous Pipelines

CCR Title 5, Section 14010(h) requires that new school sites shall not be located or within 1,500 feet of the easement of an aboveground or underground pipeline that can pose a safety hazard as determined by a risk analysis study, conducted by a competent professional. Hazardous pipelines are defined as:

- Pipelines carrying chemical products, natural gas, and other hydrocarbon products that are operating at a pressure of 80 psig or higher; and

- High-volume water lines, which are defined as water lines 12 inches or greater in diameter and include open aqueducts of comparable and greater volume handling capacity.

Two hazardous pipelines as defined by CCR Title 5, Section 14010(h) were identified within 1,500 feet of the Site:

- The City of Oxnard maintains a 16-inch diameter steel water pipeline routed north-south beneath North Rose Avenue approximately 30 feet northwest of the Site (Figure 2) (Appendix D); and

- The UWCD maintains a 42-inch cement-mortar lined steel water pipeline beneath North Rose Avenue approximately 40 feet northwest of the Site (Figure 2) (Appendix D).

These two pipelines present a REC for the Site.

8.0 RECOMMENDATIONS

In the professional opinion of Tetra Tech, an appropriate level of inquiry has been made into the previous ownership and uses of the Site consistent with good commercial and customary practice with the intent to minimize environmental liability. Based on the information cited in this assessment and Tetra Tech's understanding of current regulatory guidelines and judgment, it is Tetra Tech's recommendation that a Phase II ESA be performed to evaluate RECs 1, 2, and 3 as described in Section 7.0 as part of the pre-acquisition due diligence process. Because the Site may become part of a K-12 school in the future, the Phase II ESA field work sampling program should be planned and performed in accordance with DTSC guidelines for completing a Preliminary Environmental Assessment (PEA) including the *Preliminary Endangerment Guidance Manual* (DTSC January 1994, Revised October 2015) (PEA Guidance Manual) and the *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (DTSC 2008) (Agricultural Fields Guidance). Based on Tetra Tech's experience performing similar prescreening assessments for other K-12 school sites, performing the Phase II ESA field work sampling program in accordance with DTSC guidelines for completing a PEA will facilitate using the Phase II ESA results in a PEA if one is deemed necessary by DTSC in the future. Tetra Tech will prepare a draft version of Phase II ESA report for review by the RSD and Sage. The Phase II ESA report will document the findings and conclusions with recommendations for additional assessment or remedial actions, if necessary. A final Phase II ESA report will be prepared and submitted to the RSD and Sage following review and approval of the draft Phase II ESA report by RSD and Sage.

To evaluate the potential risks posed by REC 4, a hazardous pipeline assessment should be conducted in accordance with the *Guidance Protocol for School Site Pipeline Risk Analysis* (California Department of Education [CDE] 2007). The evaluation of potentially hazardous pipelines within 1,500 feet of the Site is not required under ASTM Standard Practice E1527-13 (ASTM 2013) but will be required by CDE under CCR Title 5, Section 14010(h) if the Site is developed as a K-12 school. Tetra Tech recommends that the RSD wait until the Site is developed as a K-12 school to complete the hazardous pipeline assessment.

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9.0 DISCLAIMER

This report was compiled based partially on information supplied to Tetra Tech from outside sources and other information that is in the public domain. The conclusions and recommendations herein are based solely on the information Tetra Tech obtained in compiling the report. Documentation for the statements made in the report is on file at Tetra Tech's office in Santa Barbara, California. Tetra Tech makes no warranty as to the accuracy of statements made by others which may be contained in the report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report, except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Since the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards that could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of client's obligation under federal, state, or local laws or any modifications or changes to such laws.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312. We have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the AAI in conformance with the standards and practices set forth in 40 CFR Part 312.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

Respectfully submitted,

TETRA TECH



James R. Steele
Project Manager

California Professional Geologist 5963
California Certified Engineering Geologist EG 1906
California Certified Hydrogeologist HG 247
Expiration date: May 31, 2021

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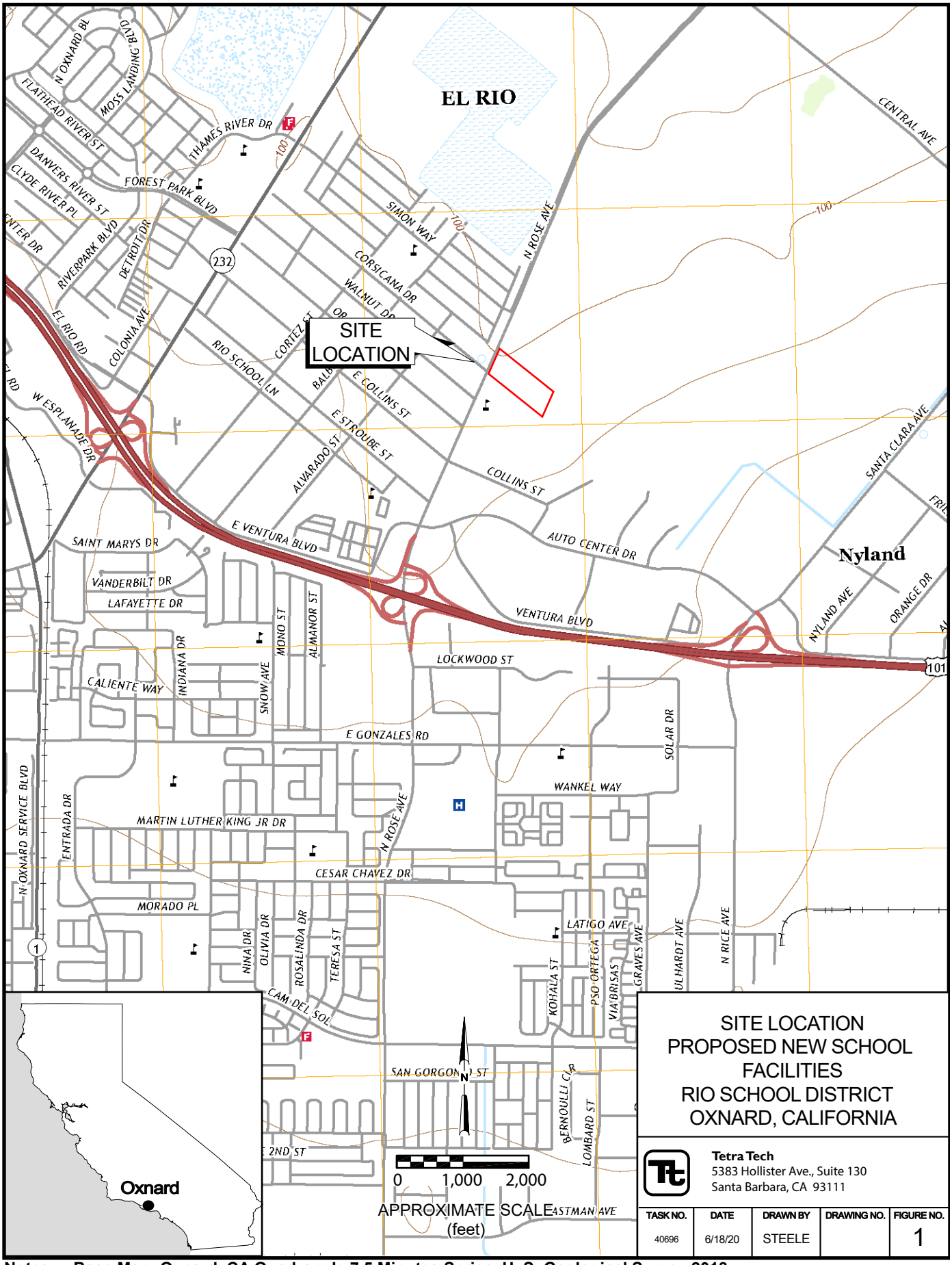
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FIGURES

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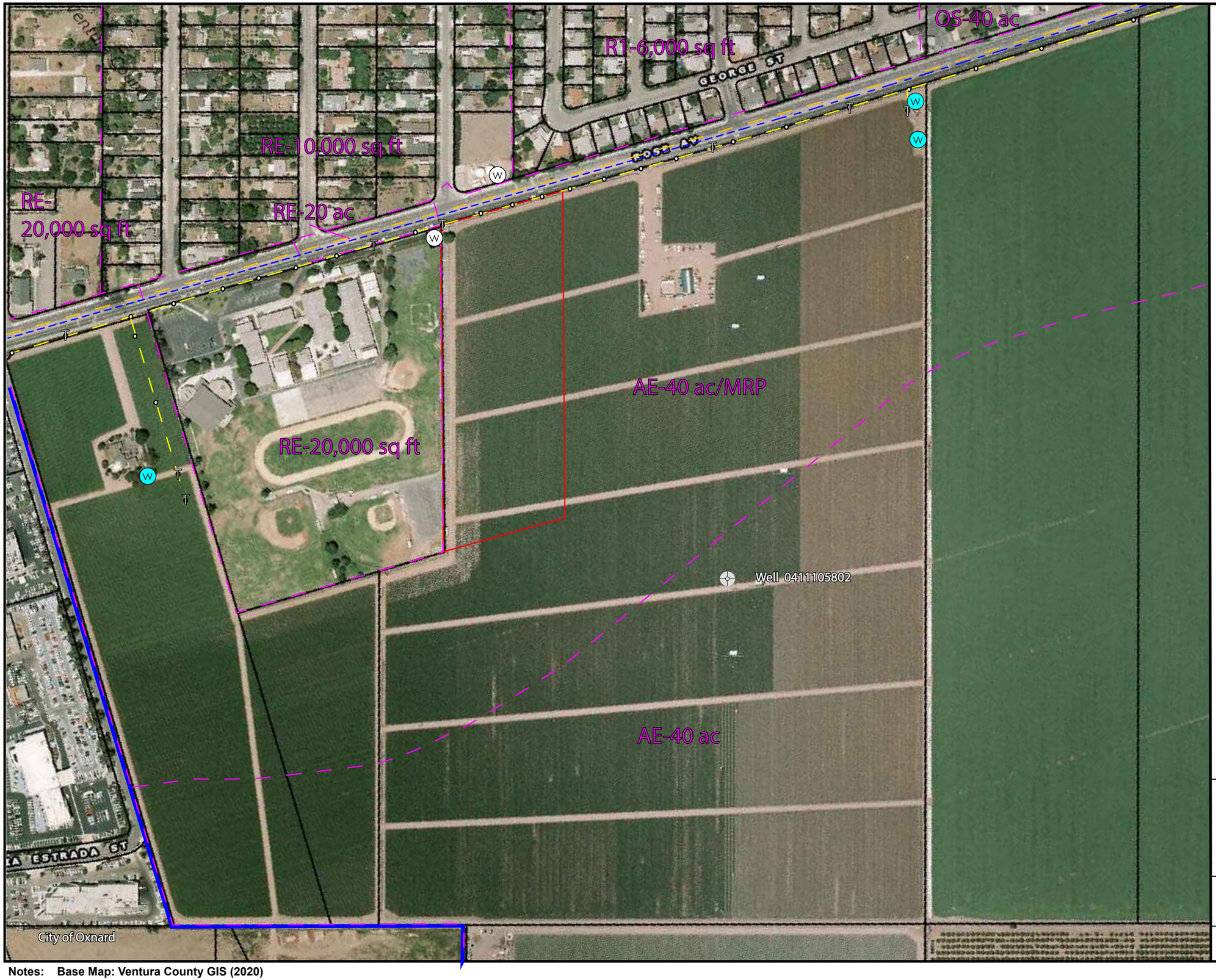
SITE LOCATION
PROPOSED NEW SCHOOL FACILITIES
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	DRAWING NO.	FIGURE NO.
40696	6/18/20	STEELE		1

Notes: **Base Map: Oxnard, CA Quadrangle 7.5 Minutes Series, U. S. Geological Survey 2018**

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LEGEND

- Site Boundary
- Assessor's Parcel Boundary
- Zoning Area Boundary
- City of Oxnard Boundary
- Pole-Mounted Electrical Power Lines
- Pole-Mounted Electrical Transformer
- 16-inch OD Steel Water Pipeline (City of Oxnard)
- 36-inch OD Steel Water Pipeline (City of Oxnard)
- 42-inch OD Steel Water Pipeline (United Water Conservation District)
- KMS Industries, Inc. Water Well
- Water Well
- Plugged-Abandoned Oil Well

Zoning Classifications

AE	Agricultural Exclusive
MRP	Mineral Resosurce Protection
RE	Rural Exclusive
R1	Single Family Residential
OS	Open Space
ac	Acres
sq ft	Square Feet

0 150 300

APPROXIMATE SCALE (feet)

SITE PLAN
PROPOSED NEW SCHOOL FACILITIES
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
40696	6/19/20	STEELE	2

Notes: **Base Map: Ventura County GIS (2020)**

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A HISTORICAL TOPOGRAPHIC MAPS

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APN 144-011-022

3410 North Rose Avenue

Oxnard, CA 93036

Inquiry Number: 6104542.4

June 26, 2020

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

06/26/20

Site Name:

APN 144-011-022
3410 North Rose Avenue
Oxnard, CA 93036
EDR Inquiry # 6104542.4

Client Name:

Tetra Tech, Inc.
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Contact: Jim Steele

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 40696
Project: Rio School District Property

Coordinates:

Latitude:	34.233997 34° 14' 2" North
Longitude:	-119.152947 -119° 9' 11" West
UTM Zone:	Zone 11 North
UTM X Meters:	301709.57
UTM Y Meters:	3790198.04
Elevation:	97.83' above sea level

Maps Provided:

2012
1967
1951
1947
1941, 1943
1903, 1904

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Saticoy
2012
7.5-minute, 24000



Oxnard
2012
7.5-minute, 24000

1967 Source Sheets



Oxnard
1967
7.5-minute, 24000
Aerial Photo Revised 1967



Camarillo
1967
7.5-minute, 24000
Aerial Photo Revised 1967



Saticoy
1967
7.5-minute, 24000
Aerial Photo Revised 1967

1951 Source Sheets



Saticoy
1951
7.5-minute, 24000
Aerial Photo Revised 1947



Oxnard
1951
7.5-minute, 24000
Aerial Photo Revised 1947

1947 Source Sheets



HUENEME
1947
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1941, 1943 Source Sheets



SANTA PAULA
1941
15-minute, 62500



Hueneme
1943
15-minute, 62500
Aerial Photo Revised 1938

1903, 1904 Source Sheets



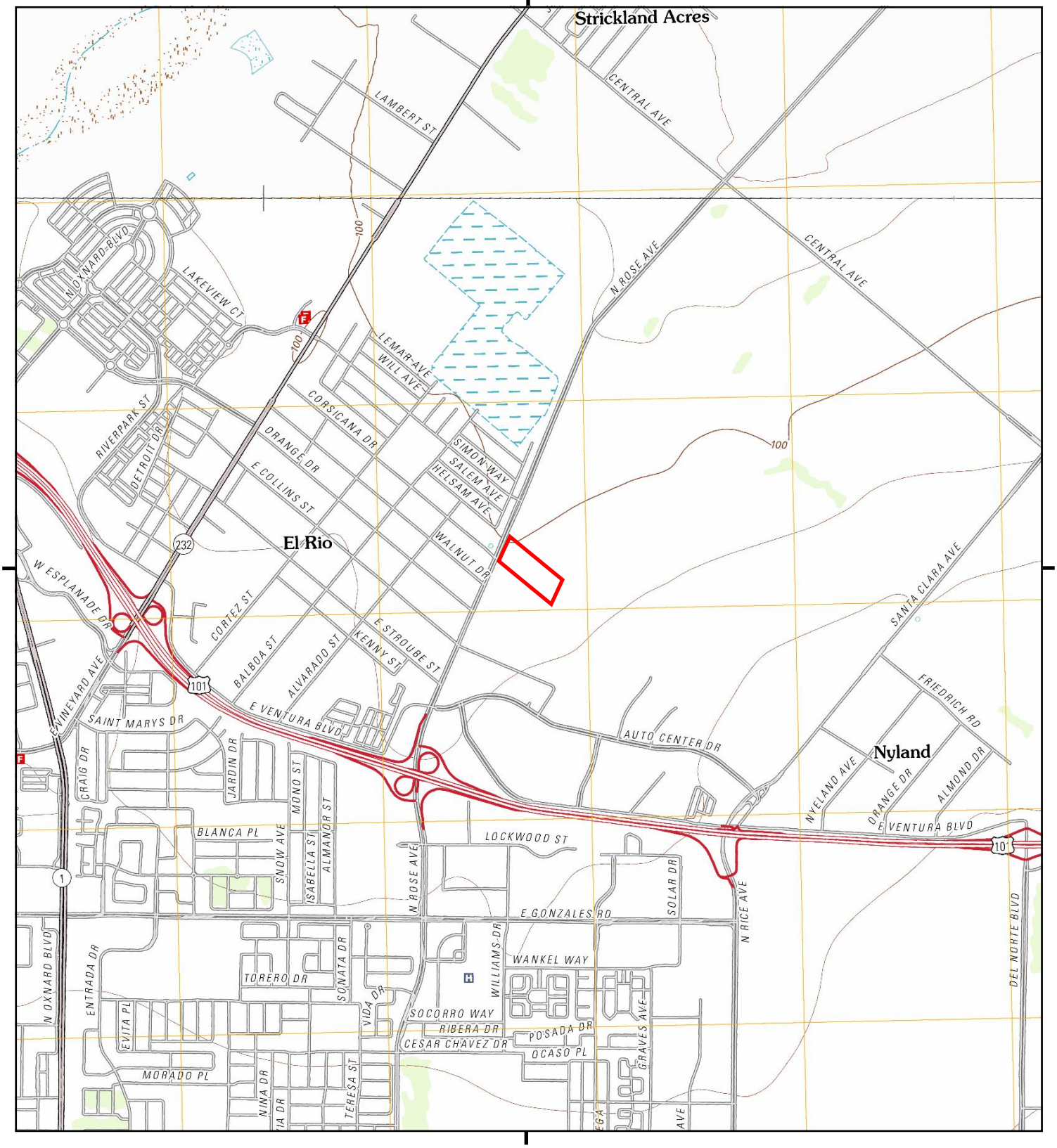
Santa Paula
1903
15-minute, 62500



Hueneme
1904
15-minute, 62500

Historical Topo Map

2012



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W E
SW S SE

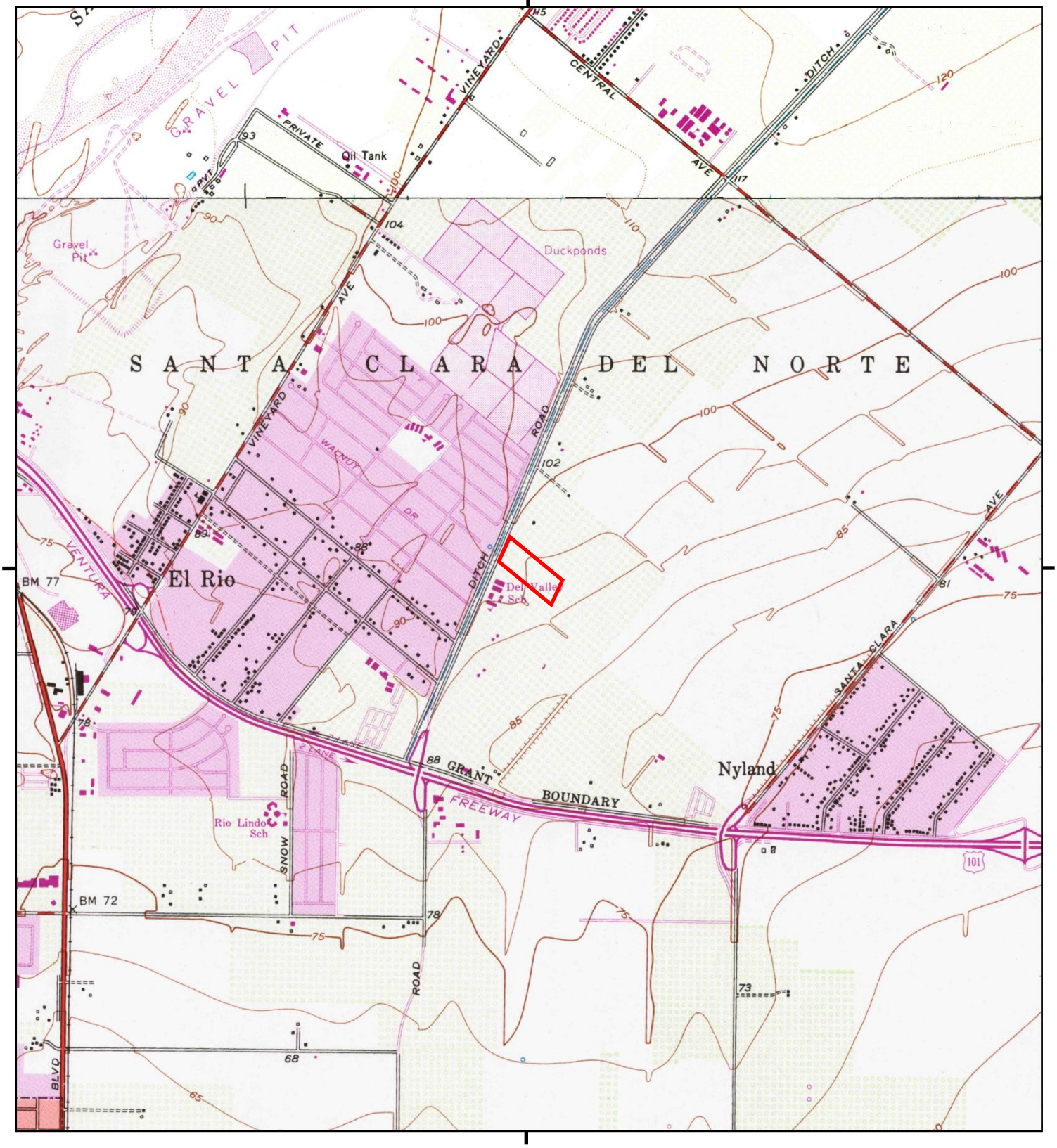
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N, Saticoy, 2012, 7.5-minute

SITE NAME: APN 144-011-022
ADDRESS: 3410 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N

Historical Topo Map

1967



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SW S SE

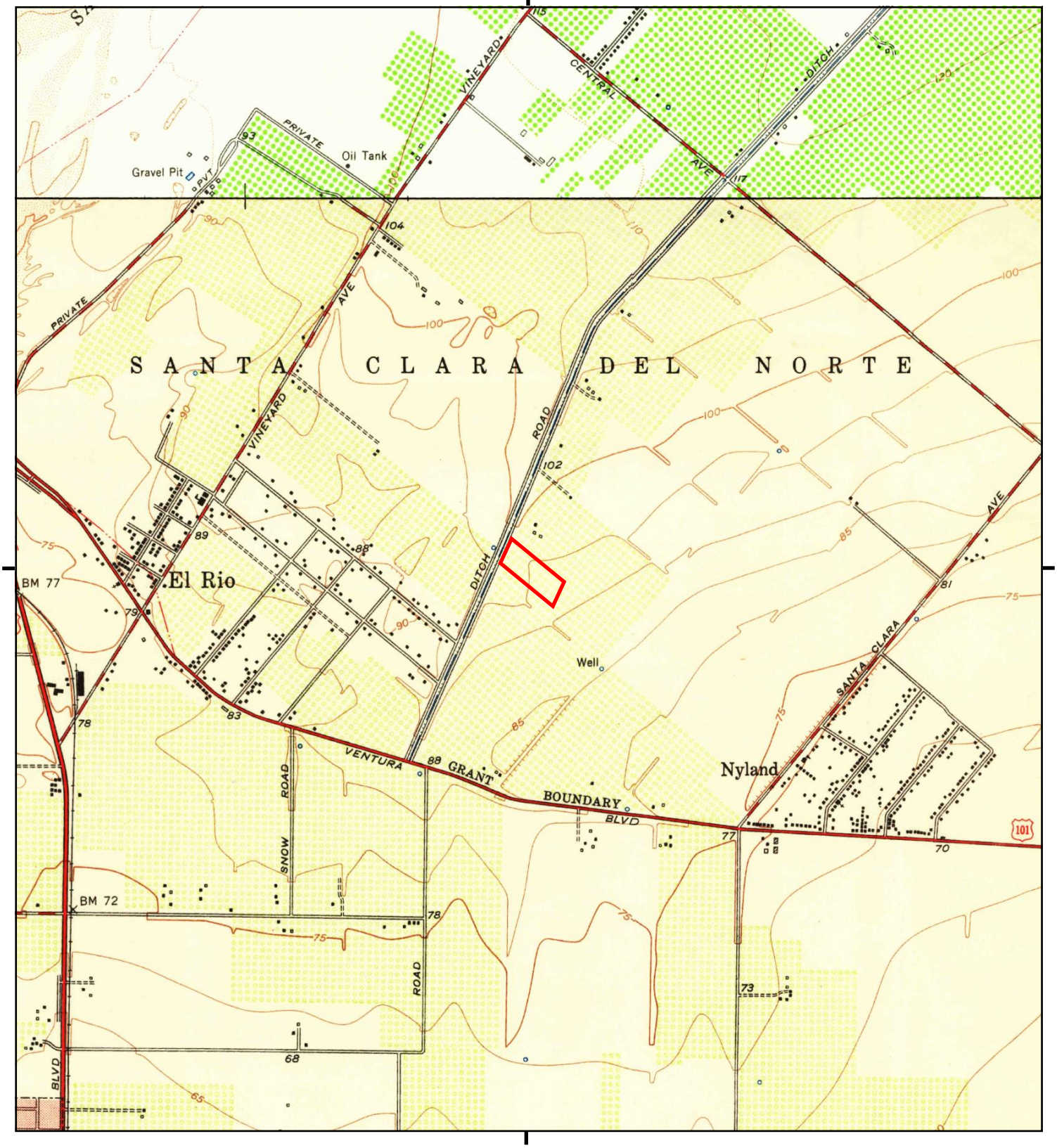
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SE, Camarillo, 1967, 7.5-minute

SITE NAME: APN 144-011-022
ADDRESS: 3410 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N

Historical Topo Map

1951



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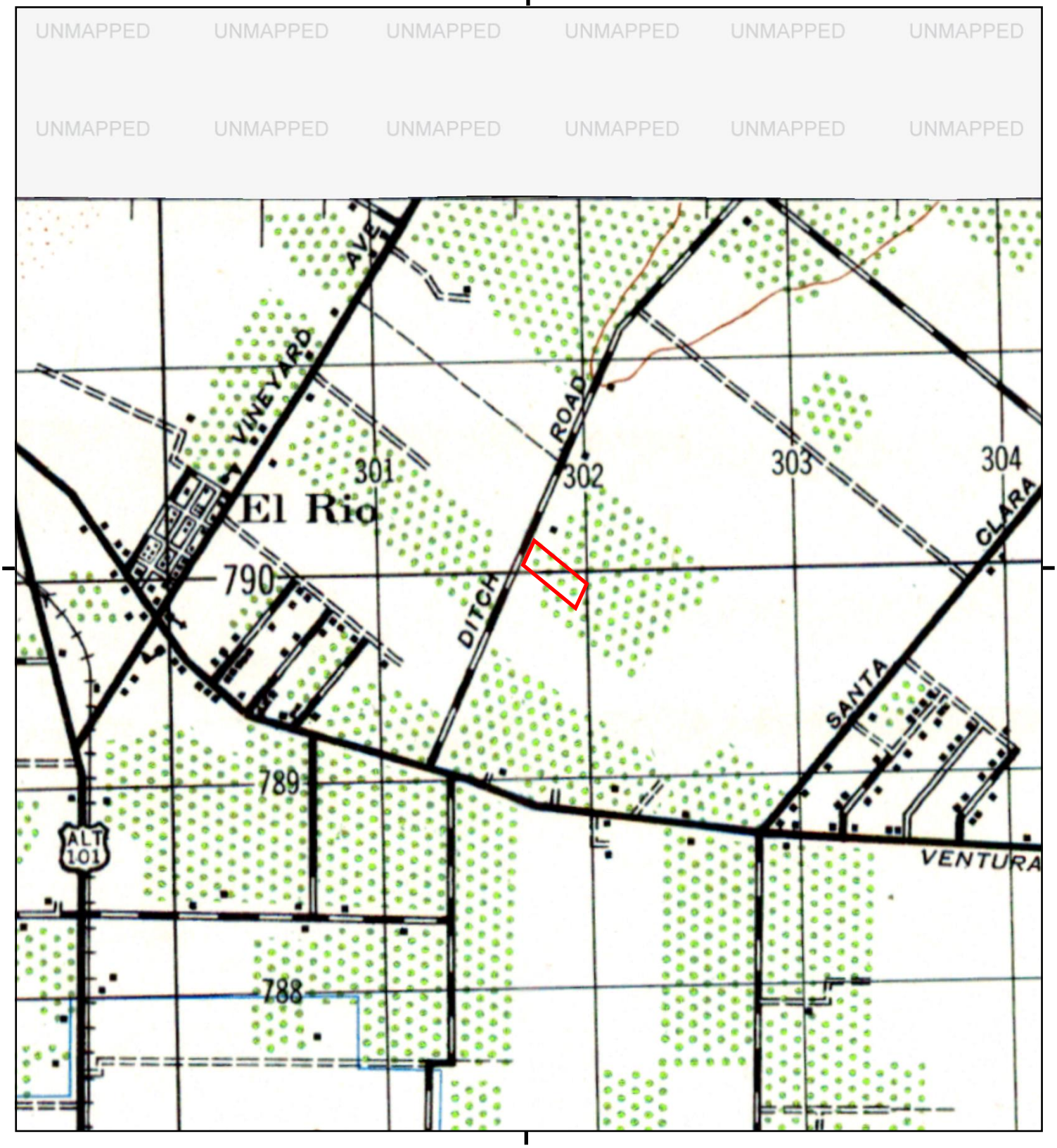
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NW N NE
W E
SW S SE

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N, Saticoy, 1951, 7.5-minute

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ADDRESS: 3410 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N



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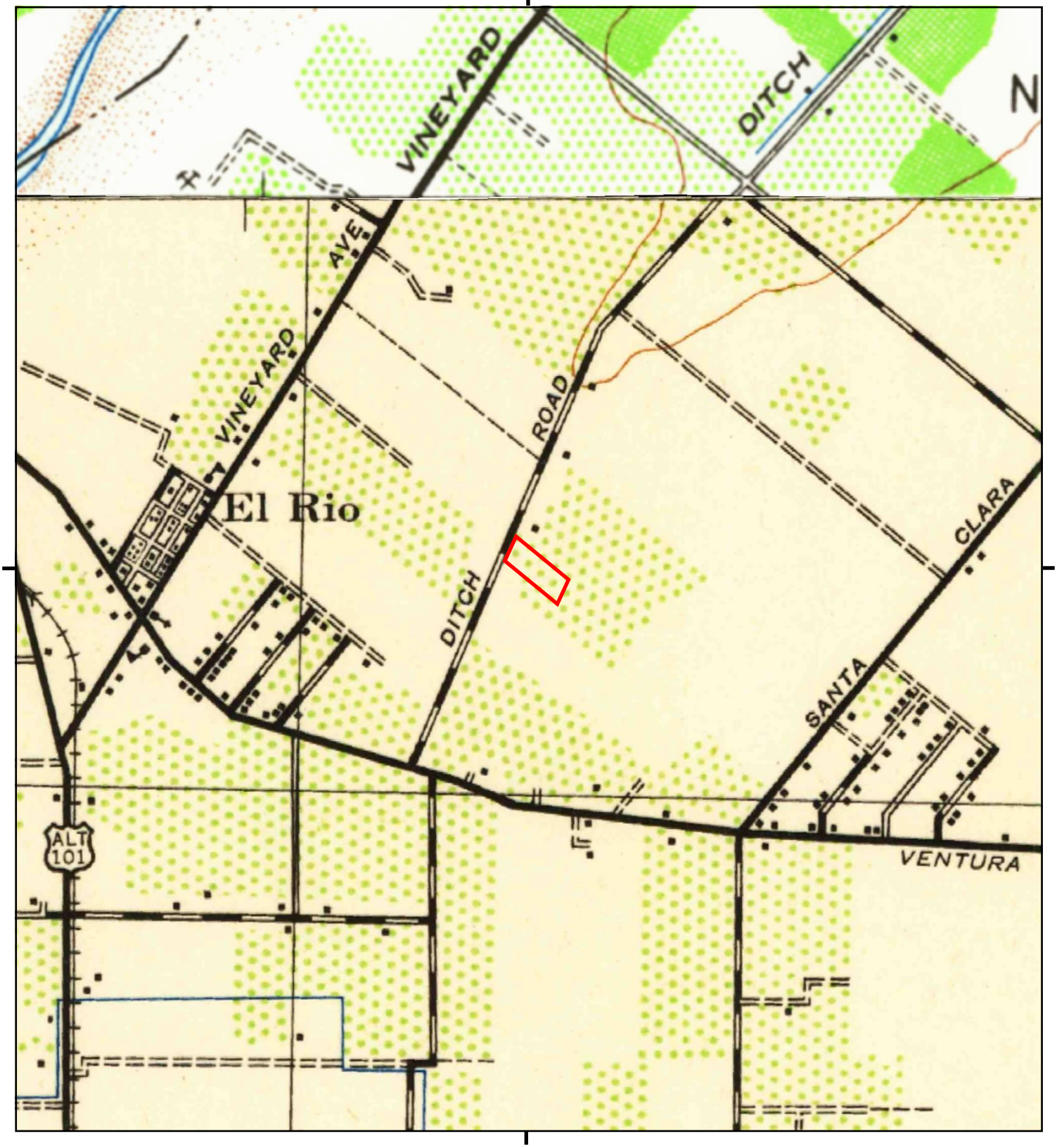
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NW N NE
W E
SW S SE

TP, HUENEME, 1947, 15-minute

SITE NAME: APN 144-011-022
ADDRESS: 3410 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N



This report includes information from the following map sheet(s).

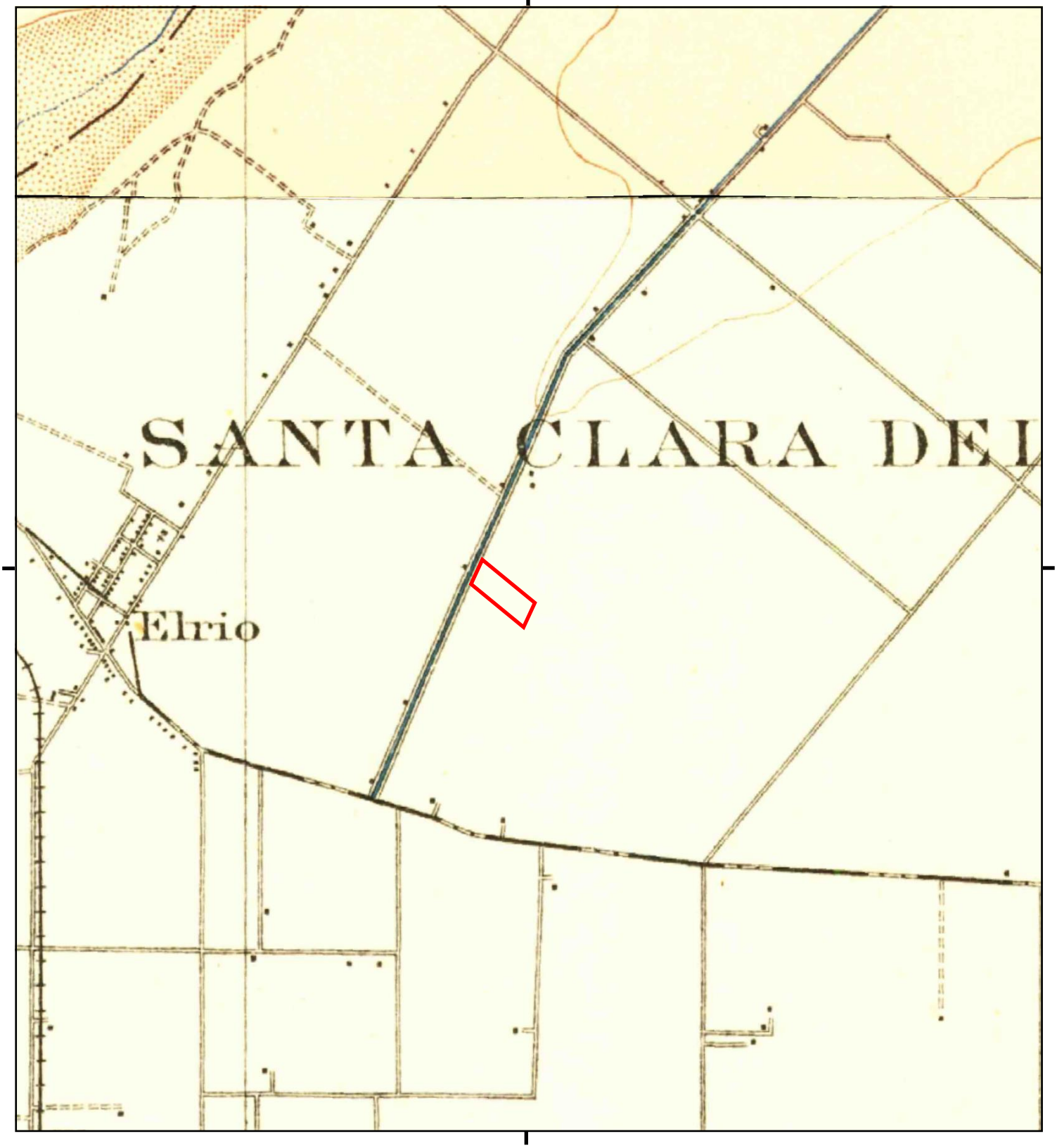
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Hueneme, 1943, 15-minute
N, SANTA PAULA, 1941, 15-minute

SITE NAME: APN 144-011-022
ADDRESS: 3410 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Hueneme, 1904, 15-minute
N, Santa Paula, 1903, 15-minute

SITE NAME: APN 144-011-022
ADDRESS: 3410 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N

B HISTORICAL AERIAL PHOTOGRAPHS

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APN 144-011-022

3410 North Rose Avenue

Oxnard, CA 93036

Inquiry Number: 6104542.8

June 26, 2020

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

06/26/20

Site Name:

APN 144-011-022
3410 North Rose Avenue
Oxnard, CA 93036
EDR Inquiry # 6104542.8

Client Name:

Tetra Tech, Inc.
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Contact: Jim Steele

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: September 03, 1994	USGS/DOQQ
1985	1"=500'	Flight Date: August 06, 1985	USDA
1978	1"=500'	Flight Date: September 21, 1978	USDA
1967	1"=500'	Flight Date: August 12, 1967	USGS
1959	1"=500'	Flight Date: October 04, 1959	USDA
1953	1"=500'	Flight Date: January 03, 1953	USGS
1947	1"=500'	Flight Date: August 15, 1947	USGS
1938	1"=500'	Flight Date: May 09, 1938	USDA
1927	1"=500'	Flight Date: January 01, 1927	FAIR

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INQUIRY #: 6104542.8

YEAR: 2016

= 500'

N

EDR


INQUIRY #: 6104542.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6104542.8
YEAR: 2009
= 500'
N
EDR



INQUIRY #: 6104542.8

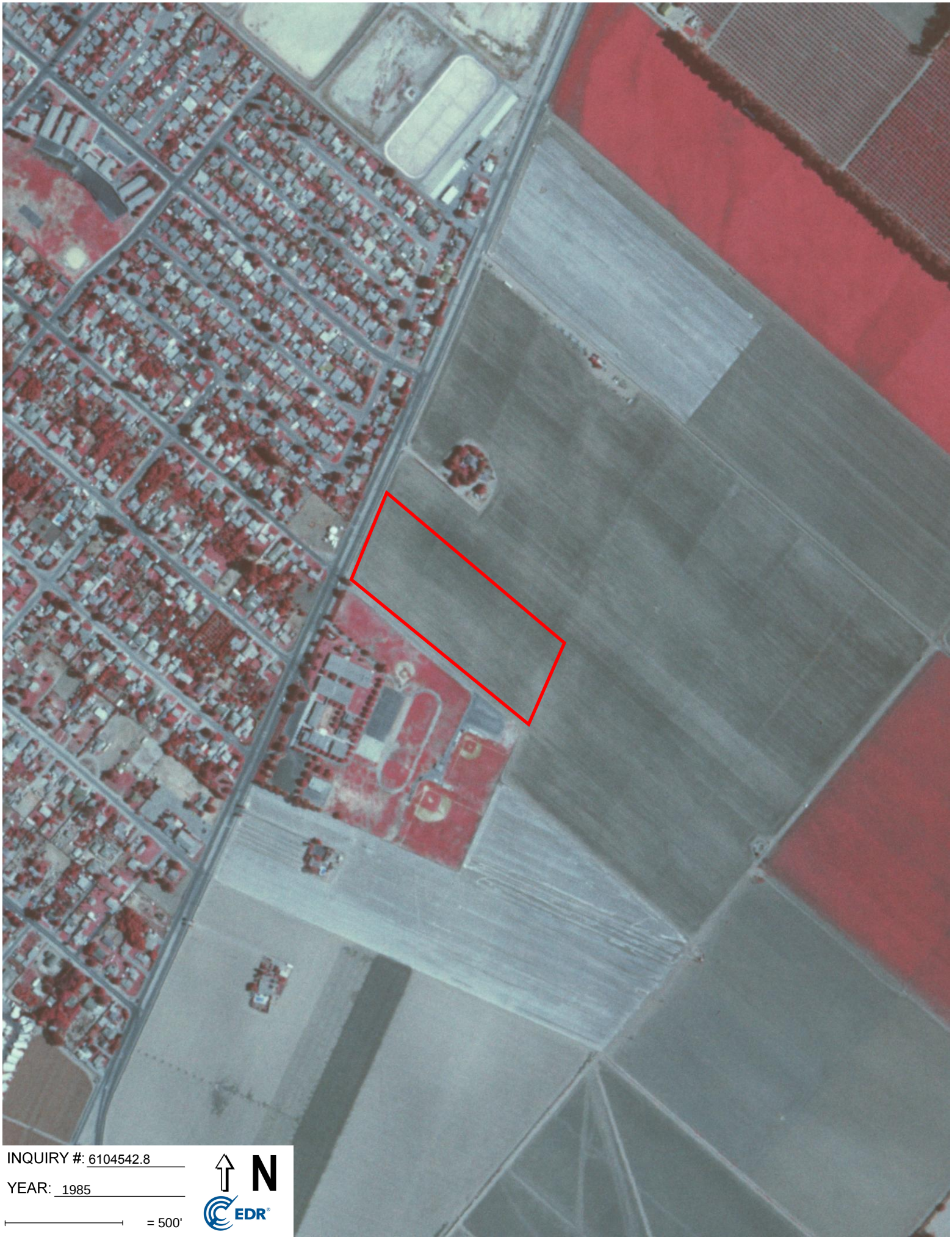
YEAR: 2005

= 500'

N

EDR


INQUIRY #: 6104542.8
YEAR: 1994
= 500'
N
EDR



INQUIRY #: 6104542.8

YEAR: 1985

= 500'

N

EDR



INQUIRY #: 6104542.8

YEAR: 1978

= 500'

N

EDR



INQUIRY #: 6104542.8

YEAR: 1967

= 500'

N

EDR


INQUIRY #: 6104542.8
YEAR: 1959
= 500'
N
EDR



INQUIRY #: 6104542.8

YEAR: 1953

= 500'

N

EDR



INQUIRY #: 6104542.8

YEAR: 1947

= 500'

N

EDR



INQUIRY #: 6104542.8

YEAR: 1938

= 500'

N

EDR



INQUIRY #: 6104542.8

YEAR: 1927

= 500'

N

EDR


4-10-68

C SITE RECONNAISSANCE PHOTOGRAPHS

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Appendix C
Site Reconnaissance Photographs
Proposed Rio School District Offices Phase I Environmental Site Assessment
3410 North Rose Avenue
Oxnard, CA 93036

Photograph 1 **Description:** View of entrance to the Site at the southwest corner showing the dirt road along Site's southwestern boundary.	

Photograph 2 **Description:** View of dirt road onsite in between rows of raspberry plants.	

Appendix C
Site Reconnaissance Photographs
Proposed Rio School District Offices Phase I Environmental Site Assessment
3410 North Rose Avenue
Oxnard, CA 93036

Photograph 3 **Description:** View of **the t**hree pole-mounted electrical transformers located directly adjacent to the southwest corner of the Site.	

Photograph 4 **Description:** United Water Conservation District OH Well # 14 groundwater production well located directly adjacent to the Site's southwest corner.	

Appendix C
Site Reconnaissance Photographs
Proposed Rio School District Offices Phase I Environmental Site Assessment
3410 North Rose Avenue
Oxnard, CA 93036

Photograph 5 **Description:** United Water Conservation District OH Well # 14 groundwater production well.	
Photograph 6 **Description:** View of the dirt road along the Site's southern boundary.	

Appendix C
Site Reconnaissance Photographs
Proposed Rio School District Offices Phase I Environmental Site Assessment
3410 North Rose Avenue
Oxnard, CA 93036

Photograph 7 **Description:** View looking down row in between raspberry plants.	
Photograph 8 **Description:** Organic raspberry sign in front of raspberry plant rows.	

Photograph 9 **Description:** View looking down row in between raspberry plants.	

Photograph 10 **Description:** Drainage ditch along the northeast side of the road along the Site's southwestern boundary.	

Photograph 11 **Description:** Air vent for buried irrigation pipeline.	
Photograph 12 **Description:** View of Rio Del Valle Junior High School parking lot adjacent to the southwestern Site boundary.	

Photograph 13 **Description:** Air vent for buried irrigation pipeline along on the Site's southwestern boundary road.	

Photograph 14 **Description:** Close up view of raspberry plants.	

Photograph 15 **Description:** View toward the northwest across North Rose Avenue from the south corner of the Site toward the residential area and Vineyard Avenue Estates Water Mutual Company at the intersection of North Rose Avenue and Corsicana Drive.	

Photograph 16 **Description:** A water valve at the end of a row of raspberry plants. Each valve waters 2.5 acres.	

Appendix C
Site Reconnaissance Photographs
Proposed Rio School District Offices Phase I Environmental Site Assessment
3410 North Rose Avenue
Oxnard, CA 93036

Photograph 17 **Description**: View of dirt road and pole-mounted electrical power lines along the Site's northwestern boundary adjacent to North Rose Avenue.	

Photograph 18 **Description:** View of inorganic farm on Assessor's Parcel No. (APN) 144-0-110-225 approximately 250 feet north of Site.	

Photograph 19 **Description:** View the organic ranch sign just north of Site's boundary.	
Photograph 20 **Description:** View of water production well and water storage tank facility at the Vineyard Avenue Estates Water Mutual Company northwest of the Site, across North Rose Avenue.	

Photograph 21 **Description:** View of western Site boundary looking southeast on Rose Ave.	

Photograph 22 **Description:** View along sidewalk on northwest side of North Rose Avenue adjacent to the backyards of residential neighborhoods northwest of the Site boundary.	

Photo: 23 **Description:** View of the three pole-mounted electrical transformers adjacent to Site's southern corner along North Rose Avenue.	

Photo: 24 **Description:** Tag on the powerline pole with the three pole-mounted electrical transformers adjacent to Site's southern corner	

D AGENCY/UTILITY CONTACT DOCUMENTATION

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Saticoy

Saticoy Field

Santa Clara Avenue Field

Oxnard Field

Camarillo Airport

2N 22W

2N 21W

1N 22W

1N 21W

US 126

HWY 232

HWY 118

SANTA CLARA AV

US 101

GONZALES RD

S LAS POSAS RD

PLEASANT VALLEY RD

E 5TH ST

SANTA CLARA RIVER

Exxon Mobil Corp 'Alvin Gisler' et al 1

Shell CPI 'Sudden' 3

Texaco E & P Inc 'Sudden' 1

Texaco E & P Inc 'Lloyd Butler' 1

Ibsen Resource Management Inc 'Lloyd-Butler' 2-6

Exxon Mobil Corp 'Santa Clara Water & Irrigat Co' 1

Mobil Oil Corp 'Lloyd-Butler' 1

Chevron USA, Inc. 'Lloyd-Butler' 1

Exxon Mobil Corp 'Lloyd Butler' 1

John Lloyd Butler Trust 'Unknown'1

Ibsen Resource Management Inc 'Lloyd-Butler' 24-6

Shell Western E. & P. Inc. 'Vanoni' 1

Chevron USA, Inc. 'Vanoni' 1

Chevron USA Inc. 'Schneider' 1

Mobil Oil Corp 'Ferro' 1

L&M Oil Company Inc 'Ferro' 1

Chevron USA, Inc. 'Ferro' 1

Chevron USA, Inc. 'Saticoy-Citrus' 5

Chevron USA, Inc. 'Saticoy-Citrus' 4

Chevron USA, Inc. 'Hertel-Woolsey' 1

Chevron USA, Inc. 'Eaton' 1

Exxon Mobil Corp 'Hobson' 1

Texaco E & P Inc 'Montomery' 1

Exxon Mobil Corp 'Coffman' 1

Kenneth H. Hunter, Jr. Explor 'Central Ave-Furrer' 1

Chevron USA, Inc. 'Ingham' 1

Shell Western E. & P. Inc. 'Cohn' 2-1

Victory Oil Company 'Donlon' 1

Venoco Inc 'Sakioka' 1

Venoco Inc 'Sakioka' 2

Texaco E & P Inc 'Edwards' 1

Shell Western E. & P. Inc. 'Shell-Standard-Pierce' 1

Mobil Oil Corp 'Shell-Standard Pierce' 2

Texaco E & P Inc 'Pierce' 1

Mobil Oil Corp 'Franco-Western Shell-Std Del T' 1

Shell Western E. & P. Inc. 'Brother' 1

Mobil Oil Corp 'Tex.-Security 1st Nat. Bank' 1

Conoco Inc 'Jarras' 3

Union Oil Co of Ca 'Jarras' 1

Union Oil Co of Ca 'Jarras' 2

Venoco Inc 'Santa Clara Avenue Unit 4' 1

Vintage Petroleum Inc 'T. G.-R. R.' 73-29

Venoco Inc "Friedrich Unit 3"

Venoco Inc 'Santa Clara Avenue Unit 5' 1

Venoco Inc 'Santa Clara Avenue Unit 4' 2

Venoco Inc 'Santa Clara Avenue Unit 5' 2

Venoco Inc 'Santa Clara Avenue Unit 4' 3

Venoco Inc 'Friedrich Unit 3' 9

Venoco Inc 'Friedrich Unit 1' 4A

Venoco Inc 'Friedrich Unit 1' 10

Venoco Inc 'Friedrich Unit 1' 8

Venoco Inc 'Friedrich Unit 1' 7

Venoco Inc 'Friedrich Unit 1' 2A

Venoco Inc 'Friedrich Unit 1' 3

Venoco Inc 'Friedrich Unit 2' 1

Venoco Inc 'Friedrich Unit 2' 5

Venoco Inc 'Friedrich Unit 1' 9

Venoco Inc 'Friedrich Unit 1' 6

Venoco Inc 'Friedrich Unit 1' 5

Tenneco Oil Company 'Friedrich Unit 3' 2

Venoco Inc 'Friedrich Unit 2' 3

Venoco Inc 'Friedrich Unit 1' 1

HCT Oil & Gas Corp 'Friedrich 2' 2

Shell Western E. & P. Inc. 'Shell-Standard-Pierce' 1

Mobil Oil Corp 'Shell-Standard Pierce' 2

Texaco E & P Inc 'Pierce' 1

Shell Western E. & P. Inc. 'Lloyd Corp.-Vacca 2' 2

Shell Western E. & P. Inc. 'Lloyd Corp.-Vacca 2' 1

Chevron USA, Inc. 'McGrath' 3

Chevron USA, Inc. 'McGrath' 4

Cabeen Exploration Co 'Hunter Power' 1

Texaco E & P Inc 'Edwards' 1

Kenneth H Hunter Jr 'Pacific Farm' 1

Chevron USA,Inc 'McGrath 11' 1

Westates Petroleum Company 'Beardsley' 3

Rothschild Oil Company 'Demsey' 1

Hoyt S. Gale 'Beardsly' 2

Hoyt S. Gale 'Beardsly' 1

Shell Western E. & P. Inc. 'McGrath' 1

Shell Western E. & P. Inc. 'McGrath' 2B

Shell Western E. & P. Inc. 'Diedrich' 1

Kenneth H. Hunter, Jr. Explor 'Central Ave-Furrer' 1

Shell Western E. & P. Inc. 'Cohn' 2-1

Victory Oil Company 'Donlon' 1

Union Oil Co of Ca 'McGrath-McCormick' 1

Shell Western E. & P. Inc. 'Shoptaw' 1

Chevron USA, Inc. 'Hertel-Woolsey' 1

Chevron USA, Inc. 'Eaton' 1

Texaco E & P Inc 'Montomery' 1

Exxon Mobil Corp 'Hobson' 1

Exxon Mobil Corp 'Coffman' 1

Kenneth H. Hunter, Jr. Explor 'Central Ave-Furrer' 1

Chevron USA, Inc. 'Ingham' 1

Shell Western E. & P. Inc. 'Cohn' 2-1

Victory Oil Company 'Donlon' 1

Venoco Inc 'Sakioka' 1

Venoco Inc 'Sakioka' 2

Texaco E & P Inc 'Edwards' 1

Shell Western E. & P. Inc. 'Shell-Standard-Pierce' 1

Mobil Oil Corp 'Shell-Standard Pierce' 2

Texaco E & P Inc 'Pierce' 1

Mobil Oil Corp 'Franco-Western Shell-Std Del T' 1

Shell Western E. & P. Inc. 'Brother' 1

Mobil Oil Corp 'Tex.-Security 1st Nat. Bank' 1

Conoco Inc 'Jarras' 3

Union Oil Co of Ca 'Jarras' 1

Union Oil Co of Ca 'Jarras' 2

Venoco Inc 'Santa Clara Avenue Unit 4' 1

Vintage Petroleum Inc 'T. G.-R. R.' 73-29

Venoco Inc "Friedrich Unit 3"

Venoco Inc 'Santa Clara Avenue Unit 5' 1

Venoco Inc 'Santa Clara Avenue Unit 4' 2

Venoco Inc 'Santa Clara Avenue Unit 5' 2

Venoco Inc 'Santa Clara Avenue Unit 4' 3

Venoco Inc 'Friedrich Unit 3' 9

Venoco Inc 'Friedrich Unit 1' 4A

Venoco Inc 'Friedrich Unit 1' 10

Venoco Inc 'Friedrich Unit 1' 8

Venoco Inc 'Friedrich Unit 1' 7

Venoco Inc 'Friedrich Unit 1' 2A

Venoco Inc 'Friedrich Unit 1' 3

Venoco Inc 'Friedrich Unit 2' 1

Venoco Inc 'Friedrich Unit 2' 5

Venoco Inc 'Friedrich Unit 1' 9

Venoco Inc 'Friedrich Unit 1' 6

Venoco Inc 'Friedrich Unit 1' 5

Tenneco Oil Company 'Friedrich Unit 3' 2

Venoco Inc 'Friedrich Unit 2' 3

Venoco Inc 'Friedrich Unit 1' 1

HCT Oil & Gas Corp 'Friedrich 2' 2

Shell Western E. & P. Inc. 'Shell-Standard-Pierce' 1

Mobil Oil Corp 'Shell-Standard Pierce' 2

Texaco E & P Inc 'Pierce' 1

Mobil Oil Corp 'Franco-Western Shell-Std Del T' 1

Shell Western E. & P. Inc. 'Brother' 1

Mobil Oil Corp 'Tex.-Security 1st Nat. Bank' 1

Conoco Inc 'Jarras' 3

Union Oil Co of Ca 'Jarras' 1

Union Oil Co of Ca 'Jarras' 2

Shell Western E. & P. Inc. 'Shoptaw' 1

Union Oil Co of Ca 'McGrath-McCormick' 1

Victory Oil Company 'Donlon' 1

Kenneth H Hunter Jr 'Pacific Farm' 1

Chevron USA,Inc 'McGrath 11' 1

Westates Petroleum Company 'Beardsley' 3

Rothschild Oil Company 'Demsey' 1

Hoyt S. Gale 'Beardsly' 2

Hoyt S. Gale 'Beardsly' 1

Shell Western E. & P. Inc. 'McGrath' 1

Shell Western E. & P. Inc. 'McGrath' 2B

Shell Western E. & P. Inc. 'Diedrich' 1

Reserve Oil and Gas Company 'McGrath' 4

San Roque Oiland Exploration 'McGrath' 2

Petan Company 'A. Pfeiler Est.' 1

Mobil Oil Corp 'Standard Scholle' 1

Shell Western E. & P. Inc. 'Maulhardt Community' 7

Plains Oil Company 'Maulhardt' 1

Chevron USA, Inc. 'McGrath 13' 3

Chevron USA, Inc. 'McGrath 13' 1A

Max Pray 'McGrath' 1

Chevron USA, Inc. 'McGrath 13' 2

Chevron USA, Inc. 'Thatcher' 6

Chevron USA, Inc. 'Thatcher' 8

Chevron USA, Inc. 'Thatcher' 7

Chevron USA, Inc. 'Thatcher' 5

Chevron USA, Inc. 'Thatcher' 4

Chevron USA, Inc. 'Thatcher' 3B

Shell Western E. & P. Inc. 'Maulhardt Community' 6

Shell Western E. & P. Inc. 'Maulhardt Community' 9

Shell Western E. & P. Inc. 'Maulhardt Community' 3

Shell Oil Co 'Thatcher' 1

Shell Western E. & P. Inc. 'McInnes' 8

Shell Western E. & P. Inc. 'McInnes' 7

Shell Western E. & P. Inc. 'Maulhardt Community' 10

Reserve Oil and Gas Company 'Maulhardt' 3

Shell Western E. & P. Inc. 'Maulhardt Community' 2

Shell Western E. & P. Inc. 'Maulhardt Community' 11A

Shell Western E. & P. Inc. 'Maulhardt Community' 5

Shell Western E. & P. Inc. 'Maulhardt Community' 8

Shell Western E. & P. Inc. 'Maulhardt Community' 101A

Shell Western E. & P. Inc. 'McInnes' 9

Shell Western E. & P. Inc. 'McInnes' 5

Applegate & Owens 'Maulhardt' 2

Plains Oil Company No. 4 'Duntley' 1

Shell Western E. & P. Inc. 'Maulhardt Community' 4

John W Lucas Jr 'Pfeiler' 1

Reserve Oil and Gas Company 'Duntley' 2

Shell Western E. & P. Inc. 'Pfeiler' 8

Shell Western E. & P. Inc. 'Pfeiler Chevron' 1

Reserve Oil and Gas Company 'Duntley' 3

Chevron USA, Inc. 'Duntley' 1

Shell Western E. & P. Inc. 'Pfeiler' 9

Shell Western E. & P. Inc. 'Pfeiler' 3

Shell Western E. & P. Inc. 'Pfeiler' 1

Shell Western E. & P. Inc. 'Pfeiler' 6

Shell Western E. & P. Inc. 'Pfeiler' 5A

Shell Western E. & P. Inc. 'Pfeiler' 7

Shell Western E. & P. Inc. 'Pfeiler' 4

Shell Western E. & P. Inc. 'Pfeiler' 2

Shell Western E. & P. Inc. 'Pfeiler' 10

Shell Western E. & P. Inc. 'Standard-Todd' 302

Franwin Oil and Gas 'Todd' 1

Shell Western E. & P. Inc. 'Standard-Todd' 301

Chase Production Co 'Todd' 1

Chase Production Co 'Todd' 3

Chase Production Co 'Todd' 2

Jack Herley Operations 'Lloyd Corp' Todd A

Oxnard Operations 'J.H.' 4

Shell Western E. & P. Inc. 'Todd Pfeiler L.W.' 1

Deuel Petroleum Calif, Inc 'J.H.' 3

Chevron USA, Inc. 'Standard Lenox' 301

Chevron USA, Inc. 'Standard Lenox' 302

Deuel Petroleum Calif, Inc 'J.H.' 5

Deuel Petroleum Calif, Inc 'J.H.' 1

Deuel Petroleum Calif, Inc 'J.H.' 2

Deuel Petroleum Calif, Inc 'J.H.' 7

Shell Western E. & P. Inc. 'Diedrich' 1

Shell Western E. & P. Inc. 'Gordon-Pfeiler Line Well' 1

Shell Western E. & P. Inc. 'Diedrich-Gordon' 2

Texaco E & P Inc 'Diedrich' 4

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 3

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 11

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 2B

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 8A

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 308

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 3

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 2

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 5

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 7

Shell Western E. & P. Inc. 'Sturgis' 1

Roscoe Oil Company 'Ecoff' 1

Anadime Energy Services, Inc 'Diedrich' 5

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 4

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 9

Anadime Energy Services, Inc 'Diedrich' 6

Shell Western E. & P. Inc. 'Diedrich-Donlon Line Well' 1

Shell Western E. & P. Inc. 'Diedrich-Gordon-Donlon L.W.' 1

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 5

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 6

Texaco E & P Inc 'Diedrich' 3

Fairbanks & Haas, Inc 'Diedrich' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 1

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 10A

Shell Western E. & P. Inc. 'Gordon-Donlon L.W.' 1

Anadime Energy Services, Inc 'Diedrich' 2

Shell Western E. & P. Inc. 'Gordon-Donlon L.W.' 2

Bentley & Simonson, Inc 'Maulhardt' 6

Bentley & Simonson, Inc 'Maulhardt' 3

Shell Western E. & P. Inc. 'Donlon Community' 3

Shell Western E. & P. Inc. 'Donlon Community' 4A

Shell Western E. & P. Inc. 'Donlon Community' 2A

Bentley & Simonson, Inc 'Maulhardt' 1

Bentley & Simonson, Inc 'Maulhardt' 7

Shell Western E. & P. Inc. 'Donlon Community' 8

Shell Western E. & P. Inc. 'Donlon Community' 10

Shell Western E. & P. Inc. 'Donlon Community' 9

Bentley & Simonson, Inc 'Maulhardt' 5

Shell Western E. & P. Inc. 'Donlon Community' 7A

Bentley & Simonson, Inc 'Maulhardt' 2

Shell Western E. & P. Inc. 'Donlon Community' 11

Berry Petroleum Co 'Donlon' 2

Bentley & Simonson, Inc 'Maulhardt' 8

Berry Petroleum Co 'Donlon' 1

Bentley & Simonson, Inc 'Maulhardt' 4

Shell Western E. & P. Inc. 'Donlon Community' 12

Shell Western E. & P. Inc. 'Donlon Community' 6A

Mobil Oil Corp 'Standard Ruggles' 1-11

Shell Western E. & P. Inc. 'Donlon Community' 1

Chevron USA, Inc. 'Hooker Daily Line Well' 1

Deuel Petroleum Co., Inc 'Security First National Bank' 3

Chevron USA, Inc. 'Daily' 1

Chevron USA, Inc. 'Security First National Bank' 1

Chevron USA, Inc. 'Maloit' 1

Chevron USA, Inc. 'Rugglet' 1A

Chevron USA, Inc. 'Daily' 2

Chevron USA, Inc. 'P. Donlon' 3

Chevron USA, Inc. 'P. Donlon' 2

Max Pray 'Max Pray-Donlon' 2

Max Pray 'Max Pray-Donlon' 1

Chevron USA, Inc. 'P. Donlon' 1

Chevron USA, Inc. 'Security First National Bank' 2

Chase Production Co. "El Rio"

Chase Production Co. "Chase"

Chase Production Co. "Vacca-Transamerica"

Geo Petroleum 'Vacca Tar Sand Unit'

Geo Petroleum, Inc. 'Vacca Tar Sand Unit' 1-1

Aera Energy LLC 'Vaca' 5-12

MacDonald, Burns & Norris #4 'Culbertson' 1

Chase Production Co 'Culbertson' 3

Chase Production Co 'Culbertson' 2

Chase Production Co 'Janet' 1

Aera Energy LLC 'Vaca' 4-12

Aera Energy LLC 'Vaca' W.S. 1

Aera Energy LLC 'Vaca' 3-7

Chevron USA, Inc. 'Davis' 1

Chevron USA, Inc. 'Davis' 2

Chevron USA, Inc. 'Davis' 3

Husky Oil Company 'Vaca Core Hole' 1-7

Lloyd Corporation, Ltd 'Friedrich 1' 1

Lloyd Corporation, Ltd 'Lloyd Corp.-Power' 2

Cabeen Exploration Co 'Hunter Power' 1

Lloyd Corporation, Ltd 'Lloyd Corporation, Ltd.' 2

Lloyd Corporation, Ltd 'Lloyd Corp.-Borchard' 3

Lloyd Corporation, Ltd 'Lloyd Corp.-Borchard' 6

Lloyd Corporation, Ltd 'Lloyd Corp.-Borchard' 1

Lloyd Corporation, Ltd 'Lloy Corp-W.R.Livingston' 1

Lloyd Corp., Ltd. 'Lloy Corp-W.R.Livingston'4

Lloyd Corporation, Ltd 'Lloyd Corp.-W.R. Livingston' 2

Lloyd Corporation, Ltd 'Lloyd Corp.-W.R. Livingston' 3

Shell Western E. & P. Inc. 'McInnes' 6

Shell Western E. & P. Inc. 'McInnes' 2

Shell Western E. & P. Inc. 'McInnes' 304

Shell Western E. & P. Inc. 'McInnes' 303

Shell Western E. & P. Inc. 'McInnes' 1

Chevron USA, Inc. 'Thatcher' 302

Chevron USA, Inc. 'Thatcher' 301

Chevron USA, Inc. 'Lloyd Corp.-W.R. Livingston' 1

Shell Western E. & P. Inc. 'Lloyd Corp.-Borchard' 4

Shell Western E. & P. Inc. 'Lloyd Corp.-Borchard' 5

Chevron USA, Inc. 'McGrath' 1A

Chevron USA, Inc. 'Scholle-Livingston' 1

Vista Pacific Resources Corp 'Scholle-Livingston' 3

Exeter Oil Company, Ltd 'Scholle-Livingston' 2

Monterey Resources, Inc. 'Exeter' 2104

Geo Petroleum, Inc. 'Scholle-Livingston' 1

Geo Petroleum, Inc. 'Scholle-Livingston' 3

Chase Production Co 'Yi-Ko' 1

Chase Production Co 'Texcon' 2

Chase Production Co 'Texcon' 1

G. R. Nance Co., Inc 'Capital Company' 1

Lantex Oil Company 'Capco' 5-1

Monterey Resources, Inc 'Gulf' 3051

Monterey Resources, Inc 'Exeter' 1295

Monterey Resources, Inc. 'Gulf' 2331

American Petrofina Co of Texa 'Hunsucher' 1007

American Petrofina Co of Texa 'Hunsucher' 308

American Petrofina Co of Texa 'Hunsucker' 311

Warren Oil Co of California 'Janas Investment Company' 1

Reserve Oil and Gas Company 'Shumate-Sumf' 1

Phillips Oil Company 'Shumate' 1

Shell Western E. & P. Inc. 'Lloyd Corp.-Vacca 2' 3

Shell Western E. & P. Inc. 'Lloyd Corp.-Vacca 2' 4

Marathon Oil Co 'McGrath Ranch' 1

Chilmani Oil Company 'McGrath' 1

Monterey Resources, Inc 'Gulf' 2331

Texaco E & P Inc 'Capital Oxnard' 1

Vacca Oil Exploration 'Well No.' 1

Petroleum Reserve Corp. 'Silva' 1

Lancaster Midway Oil Company 'Well No.' 1

Lancaster Midway Oil Company 'Well No.' 2

Texaco E & P Inc 'Capital Silva' 1

Texaco E & P Inc 'Converse' 1

Mobil Oil Corp 'Standard Scholle' 1

Shell Western E. & P. Inc. 'Maulhardt Community' 10

Shell Western E. & P. Inc. 'Maulhardt Community' 11A

Shell Western E. & P. Inc. 'Maulhardt Community' 8

Applegate & Owens 'Maulhardt' 2

Shell Western E. & P. Inc. 'Maulhardt Community' 5

Shell Western E. & P. Inc. 'Maulhardt Community' 4

Shell Western E. & P. Inc. 'Maulhardt Community' 101A

Shell Western E. & P. Inc. 'McInnes' 9

Shell Western E. & P. Inc. 'McInnes' 5

Plains Oil Company No. 4 'Duntley' 1

John W Lucas Jr 'Pfeiler' 1

Shell Western E. & P. Inc. 'Pfeiler' 8

Shell Western E. & P. Inc. 'Pfeiler Chevron' 1

Reserve Oil and Gas Company 'Duntley' 2

Reserve Oil and Gas Company 'Duntley' 3

Chevron USA, Inc. 'Duntley' 1

Shell Western E. & P. Inc. 'Pfeiler' 9

Shell Western E. & P. Inc. 'Pfeiler' 3

Shell Western E. & P. Inc. 'Pfeiler' 1

Shell Western E. & P. Inc. 'Pfeiler' 6

Shell Western E. & P. Inc. 'Pfeiler' 5A

Shell Western E. & P. Inc. 'Pfeiler' 7

Shell Western E. & P. Inc. 'Pfeiler' 4

Shell Western E. & P. Inc. 'Pfeiler' 2

Shell Western E. & P. Inc. 'Pfeiler' 10

Shell Western E. & P. Inc. 'Standard-Todd' 302

Franwin Oil and Gas 'Todd' 1

Shell Western E. & P. Inc. 'Standard-Todd' 301

Chase Production Co 'Todd' 1

Chase Production Co 'Todd' 3

Chase Production Co 'Todd' 2

Jack Herley Operations 'Lloyd Corp' Todd A

Oxnard Operations 'J.H.' 4

Shell Western E. & P. Inc. 'Todd Pfeiler L.W.' 1

Deuel Petroleum Calif, Inc 'J.H.' 3

Chevron USA, Inc. 'Standard Lenox' 301

Chevron USA, Inc. 'Standard Lenox' 302

Deuel Petroleum Calif, Inc 'J.H.' 5

Deuel Petroleum Calif, Inc 'J.H.' 1

Deuel Petroleum Calif, Inc 'J.H.' 2

Deuel Petroleum Calif, Inc 'J.H.' 7

Texaco E & P Inc 'Capital Oxnard' 1

Vacca Oil Exploration 'Well No.' 1

Petroleum Reserve Corp. 'Silva' 1

Lancaster Midway Oil Company 'Well No.' 1

Lancaster Midway Oil Company 'Well No.' 2

Shell Western E. & P. Inc. 'Diedrich' 1

Shell Western E. & P. Inc. 'Gordon-Pfeiler Line Well' 1

Shell Western E. & P. Inc. 'Diedrich-Gordon' 2

Texaco E & P Inc 'Diedrich' 4

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 3

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 11

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 2B

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 8A

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 308

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 3

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 2

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 5

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 7

Shell Western E. & P. Inc. 'Sturgis' 1

Roscoe Oil Company 'Ecoff' 1

Anadime Energy Services, Inc 'Diedrich' 5

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 4

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 9

Anadime Energy Services, Inc 'Diedrich' 6

Shell Western E. & P. Inc. 'Diedrich-Donlon Line Well' 1

Shell Western E. & P. Inc. 'Diedrich-Gordon-Donlon L.W.' 1

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 5

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 6

Texaco E & P Inc 'Diedrich' 3

Fairbanks & Haas, Inc 'Diedrich' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 1

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 10A

Shell Western E. & P. Inc. 'Gordon-Donlon L.W.' 1

Anadime Energy Services, Inc 'Diedrich' 2

Shell Western E. & P. Inc. 'Gordon-Donlon L.W.' 2

Bentley & Simonson, Inc 'Maulhardt' 6

Bentley & Simonson, Inc 'Maulhardt' 3

Shell Western E. & P. Inc. 'Donlon Community' 3

Shell Western E. & P. Inc. 'Donlon Community' 4A

Shell Western E. & P. Inc. 'Donlon Community' 2A

Bentley & Simonson, Inc 'Maulhardt' 1

Bentley & Simonson, Inc 'Maulhardt' 7

Shell Western E. & P. Inc. 'Donlon Community' 8

Shell Western E. & P. Inc. 'Donlon Community' 10

Shell Western E. & P. Inc. 'Donlon Community' 9

Bentley & Simonson, Inc 'Maulhardt' 5

Shell Western E. & P. Inc. 'Donlon Community' 7A

Bentley & Simonson, Inc 'Maulhardt' 2

Shell Western E. & P. Inc. 'Donlon Community' 11

Berry Petroleum Co 'Donlon' 2

Bentley & Simonson, Inc 'Maulhardt' 8

Berry Petroleum Co 'Donlon' 1

Bentley & Simonson, Inc 'Maulhardt' 4

Shell Western E. & P. Inc. 'Donlon Community' 12

Shell Western E. & P. Inc. 'Donlon Community' 6A

Mobil Oil Corp 'Standard Ruggles' 1-11

Shell Western E. & P. Inc. 'Donlon Community' 1

Chevron USA, Inc. 'Hooker Daily Line Well' 1

Deuel Petroleum Co., Inc 'Security First National Bank' 3

Chevron USA, Inc. 'Daily' 1

Chevron USA, Inc. 'Security First National Bank' 1

Chevron USA, Inc. 'Maloit' 1

Chevron USA, Inc. 'Rugglet' 1A

Chevron USA, Inc. 'Daily' 2

Chevron USA, Inc. 'P. Donlon' 3

Chevron USA, Inc. 'P. Donlon' 2

Max Pray 'Max Pray-Donlon' 2

Max Pray 'Max Pray-Donlon' 1

Chevron USA, Inc. 'P. Donlon' 1

Chevron USA, Inc. 'Security First National Bank' 2

Chase Production Co. "El Rio"

Chase Production Co. "Chase"

Chase Production Co. "Vacca-Transamerica"

Geo Petroleum 'Vacca Tar Sand Unit'

Geo Petroleum, Inc. 'Vacca Tar Sand Unit' 1-1

Aera Energy LLC 'Vaca' 5-12

MacDonald, Burns & Norris #4 'Culbertson' 1

Chase Production Co 'Culbertson' 3

Chase Production Co 'Culbertson' 2

Chase Production Co 'Janet' 1

Aera Energy LLC 'Vaca' 4-12

Aera Energy LLC 'Vaca' W.S. 1

Aera Energy LLC 'Vaca' 3-7

Chevron USA, Inc. 'Davis' 1

Chevron USA, Inc. 'Davis' 2

Chevron USA, Inc. 'Davis' 3

Husky Oil Company 'Vaca Core Hole' 1-7

Lloyd Corporation, Ltd 'Friedrich 1' 1

Lloyd Corporation, Ltd 'Lloyd Corp.-Power' 2

Cabeen Exploration Co 'Hunter Power' 1

Lloyd Corporation, Ltd 'Lloyd Corporation, Ltd.' 2

Lloyd Corporation, Ltd 'Lloyd Corp.-Borchard' 3

Lloyd Corporation, Ltd 'Lloyd Corp.-Borchard' 6

Lloyd Corporation, Ltd 'Lloyd Corp.-Borchard' 1

Lloyd Corporation, Ltd 'Lloy Corp-W.R.Livingston' 1

Lloyd Corp., Ltd. 'Lloy Corp-W.R.Livingston'4

Lloyd Corporation, Ltd 'Lloyd Corp.-W.R. Livingston' 2

Lloyd Corporation, Ltd 'Lloyd Corp.-W.R. Livingston' 3

Shell Western E. & P. Inc. 'McInnes' 6

Shell Western E. & P. Inc. 'McInnes' 2

Shell Western E. & P. Inc. 'McInnes' 304

Shell Western E. & P. Inc. 'McInnes' 303

Shell Western E. & P. Inc. 'McInnes' 1

Chevron USA, Inc. 'Thatcher' 302

Chevron USA, Inc. 'Thatcher' 301

Chevron USA, Inc. 'Lloyd Corp.-W.R. Livingston' 1

Shell Western E. & P. Inc. 'Lloyd Corp.-Borchard' 4

Shell Western E. & P. Inc. 'Lloyd Corp.-Borchard' 5

Chevron USA, Inc. 'McGrath' 1A

Chevron USA, Inc. 'Scholle-Livingston' 1

Vista Pacific Resources Corp 'Scholle-Livingston' 3

Exeter Oil Company, Ltd 'Scholle-Livingston' 2

Monterey Resources, Inc. 'Exeter' 2104

Geo Petroleum, Inc. 'Scholle-Livingston' 1

Geo Petroleum, Inc. 'Scholle-Livingston' 3

Chase Production Co 'Yi-Ko' 1

Chase Production Co 'Texcon' 2

Chase Production Co 'Texcon' 1

G. R. Nance Co., Inc 'Capital Company' 1

Lantex Oil Company 'Capco' 5-1

Monterey Resources, Inc 'Gulf' 3051

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Monterey Resources, Inc. 'Gulf' 2331

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Shell Western E. & P. Inc. 'Maulhardt Community' 4

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Shell Western E. & P. Inc. 'Pfeiler' 1

Shell Western E. & P. Inc. 'Pfeiler' 6

Shell Western E. & P. Inc. 'Pfeiler' 5A

Shell Western E. & P. Inc. 'Pfeiler' 7

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Shell Western E. & P. Inc. 'Pfeiler' 2

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Shell Western E. & P. Inc. 'Standard-Todd' 302

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Shell Western E. & P. Inc. 'A. I. Gordon Estate' 11

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 2B

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 8A

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 308

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 3

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 2

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 5

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 7

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Roscoe Oil Company 'Ecoff' 1

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Shell Western E. & P. Inc. 'A. I. Gordon Estate' 9

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Texaco E & P Inc 'Diedrich' 3

Fairbanks & Haas, Inc 'Diedrich' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 1

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Shell Western E. & P. Inc. 'Donlon Community' 4A

Shell Western E. & P. Inc. 'Donlon Community' 2A

Bentley & Simonson, Inc 'Maulhardt' 1

Bentley & Simonson, Inc 'Maulhardt' 7

Shell Western E. & P. Inc. 'Donlon Community' 8

Shell Western E. & P. Inc. 'Donlon Community' 10

Shell Western E. & P. Inc. 'Donlon Community' 9

Well Finder
CalGEM GIS

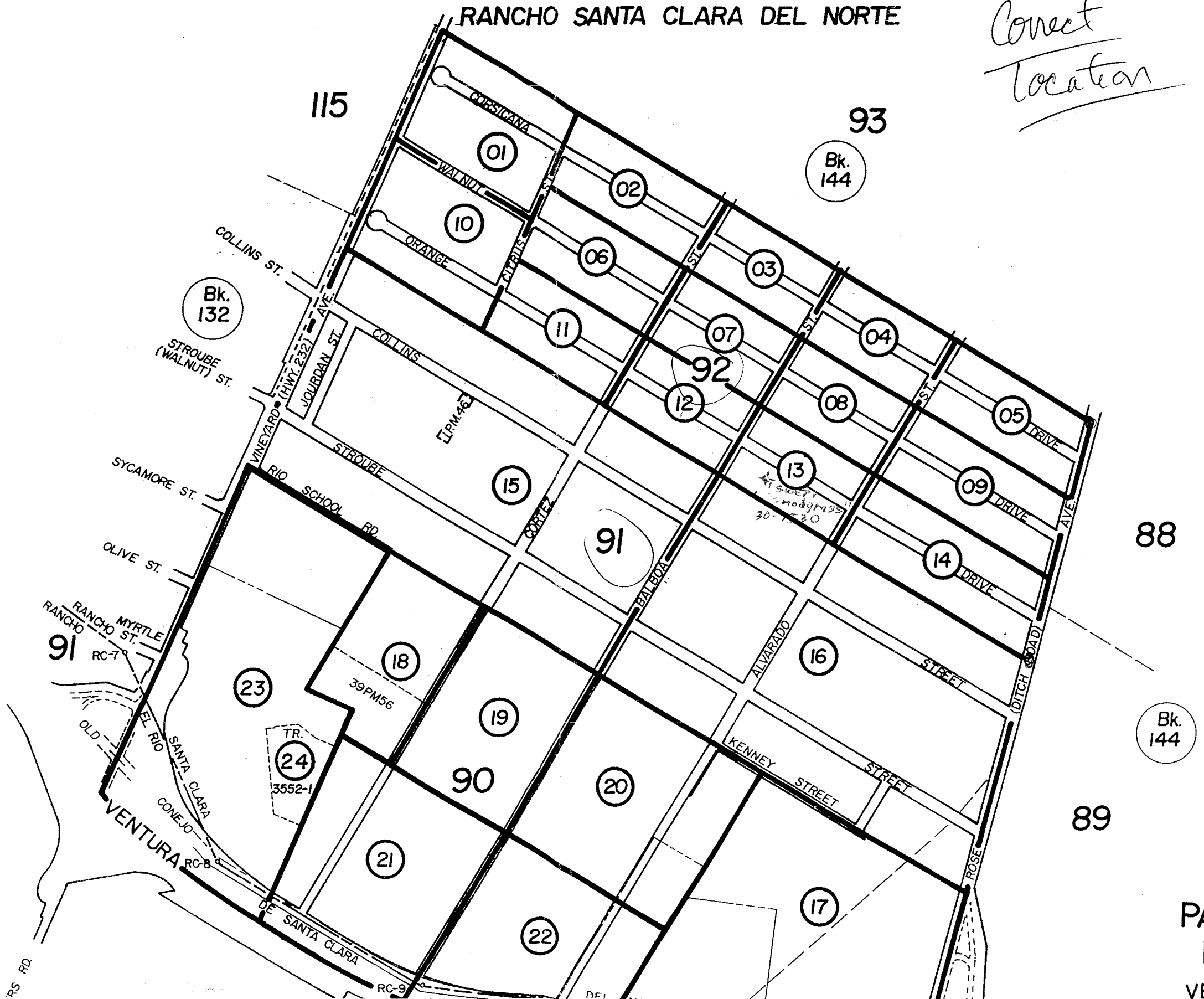
More Info | Help | ©

- Well Status and Well Type Filter
- Search
- ✱ Zoom to Field
- Measurement
- Layers



RANCHO SANTA CLARA DEL NORTE

Correct Location



PAGE INDEX
BOOK 145
VENTURA COUNTY

FORM 100, 68220 6-29 10M
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

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STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 26, T. 2N, R. 22W, S.B. B. & M., Elevation 95' Well No. ~~XXXX~~-SHODGRASS # 1

In compliance with the provisions of Chapter 718, Statutes of 1915, as amended, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Signed W. Holmes

Date JANUARY 29, 1930. Title AGENT (President, Secretary or Agent)

The summary on this page is for the ORIGINAL condition of the well

OIL SANDS

1st sand from _____ to _____ 4th sand from _____ to _____
2d sand from _____ to _____ 5th sand from _____ to _____
3d sand from _____ to _____ 6th sand from _____ to _____

IMPORTANT WATER SANDS

1st sand from _____ to _____ 3d sand from _____ to _____
2d sand from _____ to _____ 4th sand from _____ to _____

CASING RECORD

Size of Casing	Where Landed	Where Cut	Weight Per Foot	Threads Per Inch	Kind of Shoe	Make of Casing	Cemented Yes	Cemented No	Cemented Number of Sacks
13-3/8"	132'		48#	8		Pittsburg Seamless	Yes		100
	2-1/2" Tubing landed at 1530'.								

CEMENTING OR OTHER SHUT-OFF RECORD

Casing, Size	Sacks	Time Set	Method	Test and Result (Give water level and bailing results)
				No tests.
				This well was drilled as a core hole for geological
				purposes only.

PLUGS AND ADAPTERS

Heaving Plug—Material _____ Length _____ Where set _____

Adapters —Material _____ Size _____

TOOLS

Rotary Tools were used from _____ ft. to _____ ft.

Cable Tools were used from _____ ft. to _____ ft.

PERFORATIONS

State clearly whether a machine was used or casing was drilled in shop

From	To	Size of Holes	Number of Rows	Holes Per Foot	Machine—Shop
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				

Well did not produce

[illegible] barrels of oil per day.

The gravity of oil was _____ degrees Baumé. Water in oil amounted to _____ per cent.

NAMES OF DRILLERS — NAMES OF TOOL DRESSERS

Urtasun, J.R., Sadler, C.H., Hart, C.M.

Date drilling started APRIL 9, 1928. Date well was completed APRIL 26, 1928.

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Name of Formation
0	15	15	Sand and boulders
15	83	68	Sand and gravel
83	103	20	Gravel and boulders
103	110	15	Core # 1 - recovered 1' gravel and boulders
110	133	15	Core # 2 - missed; gravel and boulders
133	143	10	Core # 3 - recovered 1' sand and boulders.
143	163	20	Core # 4 - recovered 1' sand and boulders
163	187	24	Gravel and boulders
187	192	5	Clay
192	197	5	Core # 5 - recovered 6" shale
197	216	19	Core # 6 - recovered 2' sandy shale sand and gravel
216	232	16	Core # 7 - missed; sand and gravel
232	246	14	Core # 8 - recovered 2' sand and gravel streaks clay
246	262	16	Core # 9 - recovered 2' sandy clay streaks of gravel
262	277	15	Core # 10 - missed; sand and gravel
277	292	15	Core # 11 - recovered 2' sandy clay streaks of sand
292	305	13	Core # 12 - recovered 6' sandy clay streaks of sand
305	320	15	Core # 13 - recovered 2' sand and gravel
320	328	8	Core # 14 - recovered 5' sand streaks clay
328	348	20	Core # 15 - missed sand streaks clay
348	358	10	Core # 16 - recovered 4' sand and sandy shale with streaks of clay
358	373	15	Core # 17 - missed sand, gravel boulders
373	388	15	Core # 18 - missed sand, gravel boulders
388	405	17	Sand gravel and boulders
405	456	51	Sand, gravel and boulders
456	462	6	Sandy shale
462	474	12	Core # 19 - recovered 1' sandy shale, gravel and boulders
474	508	34	Sand, gravel and boulders
508	513	5	Sand with streaks of clay
513	530	17	Core # 20 - recovered 1' sand with streaks of clay
530	545	15	Core # 21 - recovered 2' gravel and streaks of shale
545	560	15	Core # 22 - recovered 13' shale and sandy shale
560	575	15	Core # 23 - recovered 13' shale and sandy shale
575	590	15	Core # 24 - recovered 5' sandy blue shale
590	605	15	Core # 25 - recovered 7' sandy blue shale and sand
605	620	15	Core # 26 - recovered no core soft sand
620	635	15	Core # 27 - recovered 1' sand gravel streaks shale
635	650	15	Core # 28 - recovered 9' yellow sand, sandy shale, gravel
650	666	16	Core # 29 - recovered 2-1/2' yellow sand, sandy streaks gravel
666	685	19	Core # 30 - missed sand, sandy shale and gravel
685	703	18	Core # 31 - recovered 12' sandy shale, sand and clay
703	718	15	Core # 32 - recovered 7' sandy shale, sand clay
718	733	15	Core # 33 - missed sand and gravel
733	753	20	Core # 34 - recovered 3' sand, gravel and boulders
753	771	18	Core # 35 - recovered 16' yellow sand and sandy shale
771	786	15	Core # 36 - recovered 5' yellow sand and sandy shale

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CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL—CONTINUED

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. ~~27~~ 26, T. 2N, R. 22W, S.B. B. & M. Well No. ~~FEE~~-CRODGRASS # 1

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Name of Formation
706	804	18	Core # 37 - recovered 12-1/2' sand and clay
804	819	15	Core # 38 - recovered 4' sand and clay
819	839	20	Core # 39 - recovered 12' soft sand and shale
839	857	18	Core # 40 recovered 18' soft sand and shale
857	877	20	Core # 41 - recovered 19' sand and streaks of shale
877	898	21	Core # 42 - recovered 18' sand, shale and sandy shale
898	915	17	Core # 43 - recovered 17' blue shale with fossils and sandy shale
915	936	21	Core # 44 - recovered 16' blue shale, sand and sandy shale
936	953	17	Core # 45 - recovered 2' sandy shale
953	971	18	Core # 46 - recovered 3' soft sand
971	989	18	Core # 47 - recovered 16' blue sandy shale and shale
989	1004	15	Core # 48 - recovered 6' blue shale and yellow sandy shale
1004	1024	20	Core # 49 - recovered 15' blue sticky shale, sand and sandy shale
1024	1040	16	Core # 50 - recovered 14' hard, blue shale with black and purple streaks
1040	1055	15	Core # 51 - recovered 11' sand and sandy shale
1055	1073	18	Core # 52 - recovered 14' soft sand and shale
1073	1089	16	Core # 53 - recovered 5' tough blue shale and sand
1089	1104	15	Core # 54 - recovered 5' sand and shale with gravel
1104	1122	18	Core # 55 - recovered 10' sand and blue sandy shale
1122	1136	14	Core # 56 - recovered 5' sticky shale
1136	1157	21	Core # 57 - recovered 14' soft sand and shale
1157	1178	21	Core # 58 - recovered 21' sand and shale
1178	1199	21	Core # 59 - recovered 15' shale, sandy shale & sand
1199	1219	20	Core # 60 - recovered 20' shale, sandy shale and sand
1219	1233	14	Core # 61 - recovered 5' sand and clay
1233	1253	20	Core # 62 - recovered 5' sand and clay
1253	1274	21	Core # 63 - recovered 9' sand and sandy clay
1274	1292	18	Core # 64 - recovered 5' sand with gravelly streaks
1292	1310	18	Core # 65 - recovered 4' sand and gravel
1310	1331	21	Core # 66 - recovered 12' sand and gravel
1331	1349	18	Core # 67 - recovered 4' sand
1349	1372	23	Core # 68 - recovered 16' sand and clay
1372	1390	18	Core # 69 - recovered 11' sand and clay
1390	1409	19	Core # 70 - recovered 7' sand and clay
1409	1429	20	Core # 71 - recovered 5' sand and clay
1429	1446	17	Core # 72 - recovered 15' sand and clay
1446	1466	20	Core # 73 - recovered 8' sand and clay
1466	1488	22	Core # 74 - recovered 6' sand and clay
1488	1508	20	Core # 75 - recovered 15' sand and clay
1508	1527	19	Core # 76 - recovered 6' sand and gravel

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CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL—CONTINUED

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 27 26, T. 21, R. 22W, S.B. B. & M. Well No. [redacted]-CHODORASS # 1

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Name of Formation
Top of Formation	Bottom of Formation		
1527	1529	2	Core # 77 - missed conglomerate
1529	1530	1	Core # 78 - missed conglomerate
1530			

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STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL—CONTINUED

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 27, T. 2N, R. 22W, S.B. B. & M. Well No. [redacted]-SUDGRASS # 1

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Name of Formation
Top of Formation	Bottom of Formation		
1527	1529	2	Core # 77 - mixed conglomerate
1529	1530	1	Core # 78 - mixed conglomerate
1530			

FORM 100. 60220 6-29 10M
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DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 26 27, T. 2N, R. 22W, S.B. B. & M., Elevation 95' Well No. [illegible]-SHOEGRASS # 1

In compliance with the provisions of Chapter 718, Statutes of 1915, as amended, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Signed W. Holmes

Date JANUARY 29, 1930. Title AGENT (President, Secretary or Agent)

The summary on this page is for the ORIGINAL condition of the well

OIL SANDS

1st sand from _____ to _____ 4th sand from _____ to _____
2d sand from _____ to _____ 5th sand from _____ to _____
3d sand from _____ to _____ 6th sand from _____ to _____

IMPORTANT WATER SANDS

1st sand from _____ to _____ 3d sand from _____ to _____
2d sand from _____ to _____ 4th sand from _____ to _____

CASING RECORD

Size of Casing	Where Landed	Where Cut	Weight Per Foot	Threads Per Inch	Kind of Shoe	Make of Casing	Cemented Yes	Cemented No	Number of Sacks
13-3/8"	192'		68#	8		Pittsburg Second Hand	Yes		100
	2-1/2" Tubing landed at 1630'.								

CEMENTING OR OTHER SHUT-OFF RECORD

Casing, Size	Sacks	Time Set	Method	Test and Result (Give water level and bailing results)
				No tests.
				This well was drilled as a core hole for Geological purposes only.

PLUGS AND ADAPTERS

Heaving Plug—Material _____ Length _____ Where set _____

Adapters —Material _____ Size _____

TOOLS

Rotary Tools were used from _____ ft. to _____ ft.

Cable Tools were used from _____ ft. to _____ ft.

PERFORATIONS

State clearly whether a machine was used or casing was drilled in shop

From	To	Size of Holes	Number of Rows	Holes Per Foot	Machine—Shop
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				

Thirty days after completion well produced Well did not produce barrels of oil per day.

The gravity of oil was _____ degrees Baumé. Water in oil amounted to _____ per cent.

NAMES OF DRILLERS

Urtamm, J.R., Sadler, C.H., Hart, C.M.

Date drilling started APRIL 9, 1920. Date well was completed APRIL 26, 1920.

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Name of Formation
0	15	15	Sand and boulders
15	83	68	Sand and gravel
83	103	20	Gravel and boulders
103	118	15	Core # 1 - recovered 1' gravel and boulders
118	133	15	Core # 2 - missed; gravel and boulders
133	143	10	Core # 3 - recovered 1' sand and boulders.
143	163	20	Core # 4 - recovered 1' sand and boulders
163	187	24	Gravel and boulders
187	192	5	Clay
192	197	5	Core # 5 - recovered 6" shale
197	216	19	Core # 6 - recovered 2' sandy shale sand and gravel
216	232	16	Core # 7 - missed; sand and gravel
232	246	14	Core # 8 - recovered 2' sand and gravel streaks clay
246	262	16	Core # 9 - recovered 2' sandy clay streaks of gravel
262	277	15	Core # 10 - missed; sand and gravel
277	292	15	Core # 11 - recovered 2' sandy clay streaks of sand
292	305	15	Core # 12 - recovered 6' sandy clay streaks of sand
305	320	15	Core # 13 - recovered 2' sand and gravel
320	328	8	Core # 14 - recovered 5' sand streaks clay
328	348	20	Core # 15 - missed sand streaks clay
348	358	10	Core # 16 - recovered 4' sand and sandy shale with streaks of clay
358	373	15	Core # 17 - missed sand, gravel boulders
373	388	15	Core # 18 - missed sand, gravel boulders
388	405	17	Sand gravel and boulders
405	456	51	Sand, gravel and boulders
456	462	6	Sandy shale
462	474	12	Core # 19 - recovered 1' sandy shale, gravel and boulders
474	508	34	Sand, gravel and boulders
508	513	5	Sand with streaks of clay
513	530	17	Core # 20 - recovered 1' sand with streaks of clay
530	545	15	Core # 21 - recovered 2' gravel and streaks of shale
545	560	15	Core # 22 - recovered 13' shale and sandy shale
560	575	15	Core # 23 - recovered 13' shale and sandy shale
575	590	15	Core # 24 - recovered 5' sandy blue shale
590	605	15	Core # 25 - recovered 7' sandy blue shale and sand
605	620	15	Core # 26 - recovered no core soft sand
620	635	15	Core # 27 - recovered 1' sand gravel streaks shale
635	650	15	Core # 28 - recovered 9' yellow sand, sandy shale, gravel
650	666	16	Core # 29 - recovered 2-1/2' yellow sand, sandy streaks gravel
666	685	19	Core # 30 - missed sand, sandy shale and gravel
685	703	18	Core # 31 - recovered 12' sandy shale, sand and clay
703	718	15	Core # 32 - recovered 7' sandy shale, sand clay
718	733	15	Core # 33 - missed sand and gravel
733	753	20	Core # 34 - recovered 3' sand, gravel and boulders
753	771	18	Core # 35 - recovered 16' yellow sand and sandy shale
771	786	15	Core # 36 - recovered 5' yellow sand and sandy shale

FORM 103. 68276 6-29 10M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 30 1930
SANTA PAULA, CALIFORNIA

History of Oil or Gas Well

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 27, T. 2N, R. 22W, S.B. B. & M., Well No. ~~XXXX~~ - SHONGRASS # 1

Signed C.B. Holmes.

Date JANUARY 29, 1930. Title AGENT
President, Secretary or Agent

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reason for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

LOCATION 1800' from south east corner of lot 92 Rancho Santa Clara Del Norte along southerly property line, thence northerly at right angles 100'.

ELEVATION 95'

17" HOLE Spudded with rotary April 9, 1928 and drilled 17" rotary hole from surface to 197' by April 11th 1928.

CEMENTED second hand 13-3/8" Pittsburg 68# A. P. I. 8 thread seamless casing at 192' with 100 sax treated Santa Cruz Oil Well Cement Perkins method April 11th.

12" HOLE Located top plug at 177' April 13th. Cleaned out cement and drilled 12" rotary hole to 1530' by April 25th. Landed 2-1/2" tubing at 1550' April 26, 1928.

HISTORY OF ABANDONMENT

Filled hole with heavy mud April 26, 1928.

FORM 101. 68202 6-29 15M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL—CONTINUED

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 27, T. 28S, R. 22W, S.B. B. & M. Well No. [redacted]-SNODGRASS # 1

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Name of Formation
786	804	18	Core # 37 - recovered 12-1/2' sand and clay
804	819	15	Core # 38 - recovered 4' sand and clay
819	839	20	Core # 39 - recovered 12' soft sand and shale
839	857	18	Core # 40 recovered 12' soft sand and shale
857	877	20	Core # 41 - recovered 19' sand and streaks of shale
877	898	21	Core # 42 - recovered 18' sand, shale and sandy shale
898	915	17	Core # 43 - recovered 17' blue shale with fossils and sandy shale
915	936	21	Core # 44 - recovered 16' blue shale, sand and sandy shale
936	953	17	Core # 45 - recovered 2' sandy shale
953	971	18	Core # 46 - recovered 5' soft sand
971	989	18	Core # 47 - recovered 16' blue sandy shale and shale
989	1004	15	Core # 48 - recovered 8' blue shale and yellow sandy shale
1004	1024	20	Core # 49 - recovered 15' blue sticky shale, sand and sandy shale
1024	1040	16	Core # 50 - recovered 14' hard, blue shale with black and purple streaks
1040	1055	15	Core # 51 - recovered 11' sand and sandy shale
1055	1073	18	Core # 52 - recovered 14' soft sand and shale
1073	1089	16	Core # 53 - recovered 5' tough blue shale and sand
1089	1104	15	Core # 54 - recovered 3' sand and shale with gravel
1104	1122	18	Core # 55 - recovered 16' sand and blue sandy shale
1122	1136	14	Core # 56 - recovered 5' sticky shale
1136	1157	21	Core # 57 - recovered 14' soft sand and shale
1157	1178	21	Core # 58 - recovered 21' sand and shale
1178	1199	21	Core # 59 - recovered 15' shale, sandy shale & sand
1199	1219	20	Core # 60 - recovered 20' shale, sandy shale and sand
1219	1233	14	Core # 61 - recovered 5' sand and clay
1233	1253	20	Core # 62 - recovered 5' sand and clay
1253	1274	21	Core # 63 - recovered 9' sand and sandy clay
1274	1292	18	Core # 64 - recovered 5' sand with gravelly streaks
1292	1310	18	Core # 65 - recovered 4' sand and gravel
1310	1331	21	Core # 66 - recovered 12' sand and gravel
1331	1349	18	Core # 67 - recovered 4' sand
1349	1372	23	Core # 68 - recovered 16' sand and clay
1372	1390	18	Core # 69 - recovered 11' sand and clay
1390	1409	19	Core # 70 - recovered 7' sand and clay
1409	1429	20	Core # 71 - recovered 5' sand and clay
1429	1446	17	Core # 72 - recovered 15' sand and clay
1446	1466	20	Core # 73 - recovered 8' sand and clay
1466	1488	22	Core # 74 - recovered 6' sand and clay
1488	1508	20	Core # 75 - recovered 15' sand and clay
1508	1527	19	Core # 76 - recovered 8' sand and gravel

FORM 103. 66276 6-29 10M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

DIVISION OF OIL AND GAS
RECEIVED
JAN 30 1930
SANTA PAULA, CALIFORNIA

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 26 27, T. 2N, R. 22W, S.B. B. & M., Well No. ~~MEEK~~ - SUDDERATH # 1

Signed W. F. Holmes

Date JANUARY 29, 1930. Title AGENT

President, Secretary or Agent

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reason for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

LOCATION — 1000' from south east corner of lot 92 Rancho Santa Clara Del Norte along southerly property line, thence northerly at right angles 100'.

ELEVATION — 95'

17" HOLE — Spudded with rotary April 9, 1929 and drilled 17" rotary hole from surface to 197' by April 11th 1929.

CEMENTED second hand 13-3/8" Pittsburg 68# A. W. I. 8 thread seamless casing at 192' with 100 sax treated Santa Cruz Oil Well Cement Perkins method April 11th.

12" HOLE — Located top plug at 177' April 13th. Cleaned out cement and drilled 12" rotary hole to 1530' by April 25th. Landed 8-1/2" tubing at 1530' April 26, 1929.

HISTORY OF ABANDONMENT

Filled hole with heavy mud April 26, 1933.

FORM 108. 68222 6-29 5M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 30 1930
SANTA PAULA, CALIFORNIA

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin

VENTURA Cal. APRIL 21st. 1926

MR. C. C. TOLS

Deputy State Oil and Gas Supervisor

SANTA PAULA Cal.

DEAR SIR:

In compliance with Section 16, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to abandon well No. SHOESTRASS # 1, Sec. 27, T. 2N R. 22W, S.B. B. & M., Oil Field, VENTURA County, commencing work on the 26TH. day of APRIL 19 26

The present condition of the well is as follows:

13-3/8" casing cemented at 192'.
2-1/2" tubing landed at 1530'.
Total depth 1530'.

The proposed work is as follows:

Fill hole with heavy mud.

JANUARY 29, 1930.
Owing to oversight this notice to abandon was not made until this date. The notice has been dated back to April 21st. 1926.

Reference to file of data

		Cross Section	Cards	Forms	

Respectfully yours

SHELL OIL COMPANY
Name of Company or Operator

By W. B. Lucas

ADDRESS NOTICE TO DEPUTY STATE OIL AND GAS SUPERVISOR IN CHARGE OF DISTRICT WHERE WELL IS LOCATED

FORM 111. 55781 11-27 10M
[CALIFORNIA STATE PRINTING OFFICE]

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINES AND MINING

DEPARTMENT OF PETROLEUM AND GAS

Report on Proposed Operations

No. P 2-1979

Santa Paula, Cal. April 16, 1928

Mr. W. W. Craddock,
Ventura, Cal.

Agent for Shell Company of California Company

PROSPECT WELL

DEAR SIR:

Your proposal to drill Well No. Snodgrass 1,
Section 27, T. 2 N., R. 22 W., S.B. B. & M., — Oil Field, Ventura County,
dated Apr. 9 1928, received Apr. 10 1928, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The well is 1800' from S.E. corner of Lot #92, Rancho Santa Clara Del Norte, along Southerly property line, thence Northerly at right angles 100'.

The elevation of the derrick floor above sea level is 95 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about -------feet, more or less."

PROPOSAL:

"We propose to use the following strings of casing, either landing or cementing them as here indicated:

Size of csg.	Wt. per ft.	New or S.H.	Depth	Landed or Cemented

THIS WELL BEING DRILLED FOR GEOLOGIC INFORMATION ONLY

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

RECOMMENDATION:

This office has no data to determine the depth at which oil or gas bearing formations may be encountered at this location.

Kindly notify this office as follows:

1. When and if oil or gas bearing formations are noted in drilling.
2. To witness a test of shut-off on any water string set in the well.

cc - Mr. Wm. Reinhardt (2)

R. D. BUSH
State Oil and Gas Supervisor

By _____ Deputy

FORM 105. 55792 11-27 5M
[CALIFORNIA STATE PRINTING OFFICE]

7

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINES AND MINING

111-05778

DEPARTMENT OF PETROLEUM AND GAS

DIVISION OF MINES AND MINING — PETROLEUM AND GAS

Notice of Intention to Drill New Well

This notice must be given before drilling begins

APR 10 1928

RECEIVED
SANTA PAULA, CALIFORNIA

VENTURA Cal. APRIL 9, 1928 192

MR. C. C. THOMS

Deputy State Oil and Gas Supervisor

SANTA PAULA Cal.

DEAR SIR:

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well number SNODGRASS 1, Section 26 27, T. 2N, R. 22W, SB. & M., XXXXXXX Oil Field, VENTURA County.

The well is feet N. or S., and feet E. or W. from SEE LOCATION BELOW
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is 95 feet.

We propose to use the following strings of casing, either cementing or landing them as here indicated:

Size of Casing, Inches	Weight, Lb. Per Foot	New or Second Hand	Depth	Landed or Cemented
THIS WELL BEING	DRILLED FOR GEOLOGIC INFORMATION ONLY			

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

We estimate that the first productive oil or gas sand should be encountered at a depth of about feet, more or less.

Respectfully yours

Address VENTURA

SHELL COMPANY OF CALIFORNIA
(Name of Company or Operator)

Telephone number 1380

By [signature] AGENT

ADDRESS NOTICE TO DEPUTY STATE OIL AND GAS SUPERVISOR IN CHARGE OF DISTRICT WHERE WELL IS LOCATED

1800' from S.E. corner of Lot #92, Rancho Santa Clara Del Norte, along Southerly property line, thence Northerly at right angles 100'

PLEASE DESIGNATE AS EXPLORATION WELL

Reference to file of data

Maps	Model	Cross Section	Cards	Forms 114	Forms
				✓	✓

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

Santa Paula, California

June 29 1959

Mr. Carl B Bowden
P O Box 670
Santa Paula California
Agent for Union Oil Company of California

DEAR SIR:

Your report of abandonment of Well No. "McGrath-McCormick" 1, Sec. 26, T. 2N, R. 22W, S.B. B. & M., ---field, Ventura County, dated June 12, 1959, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS
OK	OK	✓	Blanket		✓

E. H. MUSSER
State Oil and Gas Supervisor

By S H Rook
S H Rook *Deputy Supervisor*

CC W S Eggleston
Cons Comm

k

46006 12-56 10M SPO

FORM 165

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

REPORT OF CORRECTION OR CANCELLATION

Santa Paula California

June 29 1959

MR. Carl B Bowden
P O Box 670
Santa Paula California
Union Oil Company of California

Dear Sir

In accordance with records on file in this office

the following change pertaining to your well No. "McGrath-McCormick" 1,
Sec. 26, T. 2N, R. 22W, S.B. B. & M., — field,
Ventura County, District No. 2, is being made in our records:

☒ The corrected location is 1200.14' NW'ly alg. lot line from NE cor of lot #88, Rancho Santa Clara del Norte; thence, 752.69' SW'ly at right angles.

☐ The corrected elevation is

☐ Report No. , dated , has been corrected as follows:

☐ Your notice to (Drill, abandon, etc.) dated ,
and our report No. P , issued in answer thereto, are hereby cancelled inasmuch as the work will not be done. If you have a drilling bond on file covering this notice it will be returned. No request for such return is necessary.

☐ Other:

MAP 70 OK SHR | MAP BOOK | CARDS | BOND | FORMS 114 [illegible]

E. H. MUSSER
State Oil and Gas Supervisor

By S N Rook
Deputy Supervisor

CC W S Eggleston
k

72120 2-58 6500 SPO

FORM 100

111-05802

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

SUBMIT IN DUPLICATE

Note: Shown below is the corrected and final location.

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA PAULA, CALIFORNIA

Operator UNION OIL COMPANY OF CALIFORNIA Well No. McGrath-McCormick No. 1

Sec. 26, T. 2N, R. 22W, S.B. B. & M. El Rio Field Ventura County.

Location 1200.14' NW'ly alg lot line from NE cor of Lot #88, Rancho Santa Clara del Norte; thence, 752.69' SW'ly at right angles.
(Give location from property or section corner, or street center lines)

Elevation of ground above sea level 94.26 feet.

All depth measurements taken from top of rotary table which is 10.6 feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

In compliance with Sec. 3215, of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date June 12, 1959

Signed Carl B. Bowden

Carl B. Bowden (Engineer or Geologist)

J. T. Ledbetter (Superintendent)

Title Carl B. Bowden, Division Engineer (President, Secretary or Agent)

Commenced drilling April 23, 1959

Completed drilling May 23, 1959 Abandoned: June 4, 1959

Total depth 11,058 Plugged depth Surface

Junk None

GEOLOGICAL MARKERS — DEPTH

Well did not produce.

Commenced producing _____ (Date) Flowing/gas lift/pumping (Cross out unnecessary words)

Geologic age at total depth: Sespe

Name of producing zone --

	Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
Initial production	--					
Production after 30 days	--					

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
13-3/8"	1230'	Surface	48# 54.5#	New	Seamless	H-40	17"	1050	Shoe

PERFORATED CASING
(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

Electrical Log Depths 1620' and 11,058' (Attach Copy of Log)

49 12-55 34M SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

Division of Oil and Gas

UNION OIL COMPANY

DRILLING REPORT

Well No. McGrath-McCormick No. 1

Field El Rio

County Ventura

Sec. 26 T. 2N R. 22W S.B.B.M.

Clyde Hall Drilling Co.
(Contractor)

Condition of Hole

New Well.

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959

SANTA PAULA, CALIFORNIA

Date 1959	Depth	Drilled	REMARKS

LOCATION: 1200.14' Northwesterly along lot line from northeast corner of Lot #88, Rancho Santa Clara del Norte; thence, 752.69' Southwesterly at right angles, Section 26, T.2N., R.22W., S.B.B.&M., Ventura County.

ELEVATION: 94.26' Concrete Slab.
104.86' Rotary Table.

PROPOSAL: Explore Sespe sands.

DEPTH MEASUREMENTS: All depths are measured from the top of the rotary table, which is 10.6' above the concrete.

DRILLING CONTRACTOR: Clyde Hall Drilling Company
McDowell, Foreman

DRILLING EQUIPMENT:

Derrick: 136' Emsco double-bulge P 18

Draw Works: Emsco GB 800

Pumps: Bethlehem 8" x 18"
Bethlehem 8" x 16"

Drill Pipe: 4-1/2" 16.60#

BOP Equipment: 13-3/8" double Shaffer Type B
G.K. Hydril 12 - 900 w/40 gal. accum.

Mud: Clay Base

Earl B. Borden
Division Engineer

Condition of Hole

13-3/8" C 1230'

UNION OIL COMPANY

DRILLING REPORT

Well No. McGrath-McCormick No. 1

Field El Rio

County Ventura

Clyde Hall Drilling Co. (Contractor)

Sec. 26 T. 2N R. 22W S.B.B.M.

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA PAULA, CALIFORNIA

Date 1959	Depth	Drilled	REMARKS
4-23	940	940	Spudded at 11:30 P.M., April 23, 1959. Drilled 12-1/4" hole.
4-24	1620	680	Drilled 12-1/4" hole to 1000'. Drilled 9-7/8" hole to 1620'. Ran Welex electric log at 1620'. Reran 12-1/4" bit and opened 9-7/8" hole to 1227'. Opened 12-1/4" hole to 18-5/8" to 497'. Hit boulder. Reran 12-1/4" bit and shoved boulder to 1227'. Opened 12-1/4" hole to 18-5/8" to 1227' with 18-5/8" Smith 6-point hole opener.
4-25	1620	---	Ran 13-3/8" 48# H-40 casing to 1230'. Cemented through Baker guide shoe with 750 equivalent sax 1:1 Diamix and 300 sax construction cement. Last 150 sax treated 2% $CaCl_2$. Had good cement returns to surface. C.I.P. 12:00 Noon. Landed 13-3/8" casing on 12" S-900 Shaffer base. Tested base with 1500 psi. Installed B.O.E.
4-26	3960	2340	Tested B.O.E. with 1000 psi. Tested Kelly stop with 750 psi. Drilled 9-7/8" hole.
4-27 thru 5-4	7215	3255	Drilled 9-7/8" hole. Mud: 78 - 53 - 7 cc - 2/32 - 1% - 1400 psi.
5-5 thru 5-12	9133	1918	Drilled 9-7/8" hole. Mud: 76 - 57 - 7.2 cc - 2/32 - 1% - 1500 psi.
5-13 thru 5-20	10896	1763	Drilled 9-7/8" hole. Mud: 78 - 60 - 6.2 cc - 2/32 - 3% - 1500 psi.
5-21 and 5-22	11058 T.D.	162	Ran electric log, dipmeter, and sidewall sampler at 11058'. Left six sidewall sample cases in hole. Plugged with 30 sax at 2700': Hung 4-1/2" open-end drill pipe at 2700'. Pumped in 30 sax Colton construction cement treated with 3% $CaCl_2$ at 118#/cu.ft. C.I.P. 1:05 A.M. Stood cemented 3 hours. Plugged with 120 sax at 2600': Hung 4-1/2" open-end drill pipe at 2600'. Pumped in 120 sax Colton construction cement treated with 2% $CaCl_2$ at 120#/cu.ft. C.I.P. 5:25 A.M.
5-23	11058 T.D.		Found top of cement at 2361'. Witnessed and approved by Division of Oil and Gas.

Earl B. Brubaker
Division Engineer

UNION OIL COMPANY

DRILLING REPORT

Well No. McGrath-McCormick No. 1

Field El Rio

County Ventura

Clyde Hall Drilling Co. (Contractor)

Sec. 26 T. 2N R. 22W S.B.B.M.

Condition of Hole

13-3/8" C 1230'

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA PAULA, CALIFORNIA

Date 1959	Depth	Drilled	REMARKS
5-23	11058 T.D.	1202 Plug (Continued)	Plugged with 100 sax at 1250': Hung 4-1/2" open-end drill pipe at 1250'. Pumped in 100 sax Colton construction cement treated with 2% $CaCl_2$. C.I.P. 1:00 P.M. Found top of cement at 1202'. Witnessed and approved by Division of Oil and Gas. Contractor released at 8:00 P.M., May 23, 1959.
6-2 and 6-3	T.D. 11058	Plgd. to Surface	Cut off 13-3/8" casing 8' below ground level. Plugged from 49' to 12' with 3:1 cement sand slurry - set 3 hours. Filled to top of casing with same mix.
6-4	11058 T.D.	Plgd. to Surface	Plug was hard and had not settled. Welded 1/4" steel plate on top of 13-3/8" casing. Abandonment complete June 4, 1959.

Earl B. Borden
Division Engineer

Union Oil Company
McGrath-McCormick #1
Sidewall Samples

Ventura County
Del Norte Area
Section 26-2N/22W

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA PAULA, CALIFORNIA

SIDEWALL SAMPLES

Described by: E. A. Hall, H. R. Level - Union Oil Company
Bob Erickson - Standard Oil Company
Lowell Garrison - Western Gulf Oil Company

DEPTH	REC'D	DESCRIPTION
3618'	1"	Sand; gray, fine to medium-grained, clayey, slightly arkosic, fine mica, rare fine pink and green grains, ill-sorted, dirty, massive; estimate fair P.& P. NOSCF.
3870'	1½"	Sand; gray, clayey as above, fine-grained, but no coarse material, very dirty, fair to good sorting, micro-micaceous, looks tight. NOSCF.
3988'	1¼"	Sand; gray, very fine to fine-grained with scattered very coarse to granular size grains, very clayey, slightly arkosic, accessories similar to above, very dirty, fair to poor-sorting, fines are angular, coarse are rounded to subrounded, looks tight. NOSCF.
4018'	3/4"	Sand; as above, ranges from medium to very coarse, common granules, rare fine green and pink grains, rare shell fragments. NOSCF.
4030'	1¼"	Sand; grey, coarse to granular with abundant interstitial silt and clay, slightly arkosic, local pods of mica, rare pale green and rare shell fragments, slightly calcareous, very dirty, fair sorting, subround to rounded, looks tight. NOSCF.
4090'	No recovery.	
4230'	1-3/4"	Sand; gray, very fine to coarse, abundant interstitial clay, dirty, ill-sorted, looks tight, minor dark greens, rare greens and pinks. NS.
4400'	1¼"	Sand; as below with megafossil fragments and pebbles.
4640'	1¼"	Sand; gray (salt and pepper) fine to medium, soft, friable; estimate good P.& P. NS.
5390'	2"	Claystone; dark green-gray, silty. NS.
7182'	1"	Tar sand; black, as at 7241', faint dull-brown fluorescence, immediate dark amber bleeding cut.
7241'	½"	Tar sand; gray-black, fine-grained, silty; estimate fair P.& P. Sulfurous odor, no fluorescence, visible amber cut, very bright yellow cut-fluorescence.

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA PAULA, CALIFORNIA

7762'	1½"	Siltstone; green-gray, grading to fine sand. NS.
8100'	1½"	Siltstone; green-gray, finely sandy. NS.
8302'	½"	Sand; gray, fine to medium; estimate fair P.& P. NS.
8352'	No recovery.	
8402'	1¼"	Sand; as at 8421'. NS.
8421'	1"	Sand; grey-green, fine-grained, silty; estimate low P.& P. NS.
8560'	¼"	Sand; white-gray, fine to medium, soft, friable, silty; estimate fair P.& P. NS.
8676'	3/8"	Sand; as above, green-gray. NS.
8724'	3/4"	Sand; gray-green, medium to coarse, clean; estimate good P.& P. NS.
8765'	½"	Sand; white-gray, fine to medium, soft, friable, silty; estimate fair P.& P. NS.
8992'	½"	Oil sand; as at 8995', faint odor, even dull yellow fluorescence, visible light amber cut, bright-yellow cut-fluorescence.
8995'	3/4"	Oil sand; even tan staining, fine to medium,; estimate fair P.& P., even dull yellow fluorescence, fair gas odor. Somewhat residual visible bleeding cut, bright yellow cut-fluorescence
8998'	1¼"	Oil sand; even light-brown stain,fine-grained, soft, friable, silty; estimate fair P.& P., good gas odor, even dull yellow-brown fluorescence, immediate light-amber cut, bright-yellow cut-fluorescence.
9252'	½"	Sand; gray-green, coarse, pebbly; estimate fair P.& P. NS.
9302'	3/4"	Sand; as above. NS.
9378'	1"	Sand; gray-green, fine to medium, friable. NS.
9419'	¼"	Sand; gray-green, medium to coarse, friable; estimate fair P. & P. NS.
9452'	3/4"	Sand; gray-green with 50 to 60% spotty, light-tan oil-staining, medium to coarse-grained, silty; estimate fair P.& P., 70% yellow fluorescence, bright-yellow cut-fluorescence, very pale straw visible cut, faint fleeting odor.
9505'	3/8"	Sand; gray-green, fine-grained, soft, friable; estimate low to fair P.& P. NS.
9622'	1"	Sand; green-gray, fine to coarse, clayey, silty, friable; scattered green claystone fragments, no visible cut, no fluorescence, pale-yellow cut-fluorescence (faint).

DIVISION OF OIL AND GAS
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9662'	½"	Sand; green-gray, as above. NOSCF.
9678'	½"	Sand; gray, as above. NOSCF.
9715'	3/4"	Sand; gray-green, fine-grained, soft, friable; estimate low to fair P.& P. NS.
9738'	1"	Sand; as above.
9743'	3/4"	Sandy claystone; red-brown and green. NOSCF.
9764'	1"	Gray sand; fine to coarse, clayey, silty, friable, no visible cut, no fluorescence, very faint cut-fluorescence.
9774'	½"	Gray sand; as above.
9815'	3/4"	Gray sand; fine to coarse, silty, clayey, friable, faint odor, dull-brown fluorescence, no visible cut, with golden cut-fluorescence. NOSCF.
9835'	½"	Gray sand; as above. NOSCF.
9906'	½"	Gray sand; as above, fine to coarse, shows as above.
9921'	½"	Gray sand; as above, pebbly, shows as above.
9936'	½"	Gray sand; as above, no fluorescence, no visible cut, faint fluorescence cut.
10177'	3/4"	Red and green claystone, silty. NOSCF.
10180'	3/4"	Gray sand, as above, very spotty dull-brown fluorescence, very faint fluorescence cut.
10202'	3/4"	Gray sand; as above. NOSCF.
10207'	3/4"	Gray sand; as above.
*10220'	See page 4.	
10229'	3/4"	Green sand, very fine, silty, very clayey, very spotty dull-brown fluorescence, pale straw cut, bright-yellow fluorescence cut.
10315'	3/4"	Oil sand; green-gray with spotty light-tan stain, fine to coarse, clayey, silty, friable, good gas odor; even dull-gold fluorescence, fast medium-brown cut, bright yellow cut-fluorescence.
10384'	1"	Gray sand; fine to coarse, clayey, friable, faint odor, spotty dull-brown fluorescence, medium straw cut.
10395'	3/4"	Gray sand; fine to coarse, clayey, friable, very spotty dull-gold fluorescence (oil), medium straw cut.
10398'	1"	Gray sand; fine to pebbly, clayey, silty, friable, very spotty dull-gold fluorescence (oil), medium straw cut.

DIVISION OF OIL AND GAS
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JUN 15 1959
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10416'	½"	Sand; green-gray with trace light-tan oil stain, fine, clayey, silty, friable, dull-golden spotty fluorescence, light straw visible slow cut.
10421'	1"	Sand; gray-green 40% patchy, light oil stain, medium to coarse, soft, friable, somewhat silty; fair to good P.& P. 40% patchy yellow-orange fluorescence, very pale straw visible cut, bright yellow cut-fluorescence.
10598'	1"	Sand; green-gray with spotty oil-staining, fine to medium-grained, clayey, silty, dull yellow-brown fluorescence.
10607'	3/4"	Oil sand and shale; oil sand, light-tan and green-gray, fine to medium-grained, friable, silty, clayey, spotty oil-staining 70%, good gas odor, dull-yellow fluorescence, bright, light-yellow fluorescence on cut. Shale, green-gray, clayey.
10609'	3/4"	Oil sand; light tan and green-gray, fine to medium-grained, friable, silty, clayey, spotty oil-staining 70%, good gas odor, dull-yellow fluorescence, bright light-yellow fluorescence on cut.
*10220'	3/4"	Sand; gray-green, medium-grained, silty, clayey, low to fair P.& P., soft, friable. NS.

ORM 153E

WELL NO. McGrath-McCormick No. 1

UNION OIL COMPANY

ABANDONING REPORT

Mt Rio (FIELD)

Ventura (COUNTY)

SEC. 26, T. 3N, R. 23W, S.B. B. & M.

Clyde Hall Drilling Co. (TOOLS)

(PERIOD ENDING)

CASING RECORD

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA BARBARA, CALIFORNIA

(NOTE INEFFECTIVE CASING)

NO. TOURS	DATE 1959	DEPTH	EFFECTIVE DEPTH	REMARKS
		11058' T.D.	Plugged to Surface	CONDITION OF HOLE: 13-3/8" @ 1230' Zero 10.6' above ground.

SPUDDED: April 23, 1959

ABANDONED: June 4, 1959

CHB:bdm

NAMES OF DRILLERS/HEAD WELL PULLERS:

Earl B. Foster

DISTRICT ENGINEER

MEMORANDUM OF TELEPHONE OR PERSONAL CONVERSATION

Operator Union Oil Co. of Cal. Well No. McGrath - McCormick #1

~~Field~~ Ventura Co. Sec, 26 T. 2N R. 22W, S.B. B. & M.

A ~~personal~~ telephone conversation was held, concerning the above well, with Mr. Carl Erdmiger for the above operator on 5/21/1959, at 4:30 P.M.

Details of the conversation were as follows:

Total depth - 11,200±

Casing record - 13 3/8" Cem 1230

Oil or gas showings - None

Results of tests - None

Stratigraphic markers -

Geologic age at bottom - Eocene

Base of fresh water - Unknown. Deeper than 1620'

Operator proposes the following work: Abandon

1- Mud pg. w/100' cement at fresh/salt interface to be determined by electric log measurements.

2- pg. w/c. 1270-1210'

3- pg w/c. 10' @ surf.

Additional requirements outlined:

Test of W.S.O. to be witnessed by D.O.G. at _____ by Operator at ____

Plugs to be located by D.O.G. at all plugs by Operator at _____

Notice to be filed immediately - (X) Yes ( ) Not necessary

Other data - _____

(Signed) _____

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 259-152

Mr. Carl B Bowden
P O Box 670
Santa Paula California
Agent for Union Oil Company of California

Santa Paula
May 26 1959 Calif.

DEAR SIR:

Operations at well No. "McGrath-McCormick" 1, Sec. 26, T. 2N, R. 22W, S.B. B & M.
Field, in Ventura County, were witnessed on May 23, 1959. Mr. C. H. Schultz representative of the supervisor was present from 8:50 a.m. to 9:30 a.m. There were also present V. H. McDowell and William Eklund, drilling foremen.

Present condition of well: 13 3/8" cem. 1230' T.D. 11058'. Plugged with cement 2700' - 2645'± and 2600' - 2361'.

The operations were performed for the purpose of plugging the hole in the process of abandonment.

Mr. Eklund reported:

1. The 9 7/8" hole was drilled from 5250' to 11,058' (total depth).
2. No commercial oil or gas shows were encountered in drilling the well.
3. The hole was left full of 78 lb. drilling fluid.
4. On May 23, 1959, 30 sacks of cement was pumped into the hole through 4½"drill pipe hanging at 2700' (calculated to fill to 2645'±).
5. On May 23, 1959, 120 sacks of cement was pumped into the hole through 4½" drill pipe hanging at 2600' filling to 2361'.

The engineer noted:

That the cement plug at the reported depth of 2361' supported 9 points of the weight of the drill pipe.

THE PLUGGING OPERATIONS AS REPORTED AND WITNESSED ARE APPROVED.

B
CC - W S Eggleston

E. H. MUSSER
State Oil and Gas Supervisor

By [signature] Deputy

89949 1-59 15M ② SPO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 259-157

Mr. Carl B Bowden
P O Box 670
Santa Paula California
Agent for Union Oil Company of California

Santa Paula Calif.
May 29 1959

DEAR SIR:

Operations at well No. "McGrath-McCormick" 1, Sec. 26, T. 2N, R. 22W, S.B. B & M.
Field, in Ventura County, were witnessed on May 23, 1959. Mr. C. H. Schultz, representative of the supervisor was present from 3:30 p.m. to 4:10 p.m. There were also present V. H. McDowell and William Eklund, Drilling Foremen

Present condition of well: 13 3/8" cem. 1230'. T.D. 11,058'. Plugged with cement 2700'-2645', 2600'-2361' and 1250'-1202'.

The operations were performed for the purpose of plugging the hole in the process of abandonment.

Mr. Eklund reported: that on May 23, 1959, 100 sacks of cement was pumped into the hole through 4 1/2" drill pipe hanging at 1250', filling to 1202'.

The Engineer noted that the cement plug at the reported depth of 1202' supported 4 points of the weight of the drill pipe.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 1202' ARE APPROVED.

On June 8, 1959 Mr. William Lewis reported by telephone:

1. The hole was bridged with paper sacks 43' below the cellar floor
2. On June 3, 1959 a total of 96 cu ft. of sand and cement was dumped into the hole, setting the 13⅜" casing to the cellar floor, which is 8' below ground level.
3. A ½" steel plate was welded on the casing head.

CC W S Eggleston
k

E. H. MUSSER
State Oil and Gas Supervisor

By S. H. Rook Deputy

89949 1-59 15M ② SPO

FORM 111

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P 259-202

Mr. Carl B Bowden
P O Box 670
Santa Paula California
Agent for Union Oil Company of California

Santa Paula Calif.
May 26 1959

DEAR SIR:

Your proposal to abandon Well No. "McGrath-McCormick" 1,

Section 26, T. 2N, R. 22W, S.B. B. & M., - Field, Ventura County,

dated May 22, 1959 received May 26, 1959, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:
"THE PRESENT CONDITION OF THE WELL IS:
1. Total Depth: 11,058'
2. Complete casing record, including plugs:
13-3/8" C 1230

3. Last Produced: Never produced

ADDITIONAL DATA FOR DRY HOLE
4. Oil or Gas showings and results of tests: None
5. Stratigraphic markers and depths:

6. Geologic age at bottom: Sespe
7. Base of fresh water sands: 2550' "

PROPOSAL:
"THE PROPOSED WORK IS
1. Plug at 2600' with 100 sax.
2. Division of Oil & Gas to witness location of top of plug which must be above 2550'.
3. Plug at 1250' with 60 sax.
4. Division of Oil & Gas to witness location of top of plug which must be above 1210'.
5. Plug from 10' to surface with cement. Division of Oil & Gas to witness placement of plug."

DECISION:
THE PROPOSAL IS APPROVED.

Blanket Bond
SHR:b
CC - W S Eggleston

E. H. MUSSER, State Oil and Gas Supervisor

By S A Rock, Deputy

58444 7-57 60M SPO

FORM 108. 25462 10-55 25,550 ④ SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY 26 1959
SANTA PAULA, CALIFORNIA

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Santa Paula Calif. May 22 19 59

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. McGrath-McCormick No. 1, Sec. 26, T. 2N,

R. 22W, S.B. B. & M., El Rio Field, Ventura County,

commencing work on May 22 19 59.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 11,058'

2. Complete casing record, including plugs:

13-3/8" C 1230

3. Last Produced Never produced
(Date) (Oil, B/D) (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

None

5. Stratigraphic markers and depths:

6. Geologic age at bottom: Sespe

7. Base of fresh water sands: 2550'

THE PROPOSED WORK IS

1. Plug at 2600' with 100 sax.
2. Division of Oil and Gas to witness location of top of plug which must be above 2550'.
3. Plug at 1250' with 60 sax.
4. Division of Oil and Gas to witness location of top of plug which must be above 1210'.
5. Plug from 10' to surface with cement. Division of Oil and Gas to witness placement of plug.

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS
		✓	Blanket	✓	✓

P. O. Box 670 - Santa Paula
(Address)

Jackson 5-4422
(Telephone No.)

UNION OIL COMPANY OF CALIFORNIA
(Name of Operator)

By Carl B. Bowden
Carl B. Bowden, Division Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 259-124

Mr. Carl B Bowden
P O Box 670
Santa Paula California

Santa Paula, Calif.
April 29, 1959

Agent for Union Oil Company of California

DEAR SIR:

Operations at well No. "McGrath-McCormick" 1, Sec. 26, T. 2N, R. 22W, S.B. B & M.
Field, in Ventura County, were witnessed on April 28, 1959. Mr. C. H. Schults, representative of the supervisor was present from 1:25 p.m. to 1:35 p.m. There were also present V. H. McDowell, drilling foreman and James Sailor, driller.

Present condition of well: 13 3/8" cem. 1230'. (Present depth) 5250'.

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

Mr. - - - reported:

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

CC W S Eggleston
U

E. H. MUSSER
State Oil and Gas Supervisor

By J. A. Rock Deputy

89949 1-59 15M ② SPO

FORM 111

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P 259-153

Mr. C E Smith
P O Box 670
Santa Paula California
Agent for Union Oil Company of California

Santa Paula Calif.
April 15 1959

DEAR SIR:

Your proposal to drill Well No. "McGrath-McCormick" 1

Section 26, T. 2N, R. 22W, S.B. B. & M., — Field, Ventura County,

dated Apr. 13, 1959, received Apr. 15, 1959, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"Legal description of mineral right lease, consisting of approx. 390 acres, is as follows: (see attached map).
Do mineral and surface leases coincide? Yes.
Location of Well: Approximately 1200 feet Northwesterly along lot line from NE cor. of Lot #88, Rancho Santa Clara del Norte: thence, 700 feet Southwesterly at right angles Sec. 26, T2N, R22W, S. B. B. & M., or approx: 200' S., 300' W., fr. N.E. Cor. Sec. 26.
Elevation of ground above sea level 94 feet ground datum.
All depth measurements taken from top of rotary table which is 10± feet above ground."

PROPOSAL:

"Size of Casing

PROPOSED CASING PROGRAM

Inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
13-3/8"	48#	H-40	Surface	1000'	1000'

Intended zone or zones of completion: Sespe (Name)

Estimated total depth 11,000'
It is understood that if changes in this plan become necessary we are to notify you before running casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. The 13 3/8" casing shall be cemented with sufficient cement to fill all of the space back of the casing.
2. The hole is, at all times, kept full of drilling fluid of proper weight and quality to prevent blowuts.
3. Adequate blowout prevention equipment shall be installed and maintained ready for use at all times.
4. Any hole penetrating an oil or gas zone, to be sidetracked, shall be plugged with cement insofar as possible.
5. A SUPPLEMENTARY NOTICE SHALL BE FILED prior to running any additional casing into the hole. OTHER requirements may be outlined at that time.

E. H. MUSSER, State Oil and Gas Supervisor

By Continued, Deputy

58444 7-57 60M SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 259-153

Page 2

Union Oil Company of California ~~Company~~

Well No. "McGrath-McCormick" 1, Section 26, T. 2N, R. 22W, S.B. B. & M.,

6. Special cementing or plugging for the protection of fresh waters may be required at this well in the event of running casing, other than the 13 3/8", or of abandonment. THIS DIVISION SHALL BE CONSULTED in either case.
7. THIS DIVISION SHALL BE NOTIFIED TO INSPECT the blowout prevention equipment before drilling below 1200'.

Blanket Bond.

CC W S Eggleston

SHR/k

E. H. MUSSER, State Oil and Gas Supervisor

By L A Rook, Deputy

FORM 111X
77989 6-58 3M SPO

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

111-05802

DIVISION OF OIL AND GAS
RECEIVED
APR 15 1959
SANTA PAULA, CALIFORNIA

Santa Paula Calif. April 13 19 59

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. McGrath-McCormick ~~No.~~ 1, Sec. 26, T. 2N, R. 22W, S.B. B. & M., El Rio Area, ~~XXX~~, Ventura County.

Legal description of mineral right lease, consisting of approx. 390 acres, is as follows: (Attach map or plat to scale)

(see attached map)

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: ~~Approximately~~ 1200.14 feet Northwesterly (Direction) along lot line from NE cor of Lot #88, Rancho Santa Clara del Norte; thence, ~~700~~ 752.69 feet Southwesterly (Direction) at right angles Sec. 26, T2N, R22W, S.B.B.&M., or Approx: 200'S., 300'W. fr. NE. cor. Sec. 26, Ventura County, California

Elevation of ground above sea level 94.26 feet ground datum.

All depth measurements taken from top of rotary table (Derrick Floor, Rotary Table or Kelly Bushing) which is 10± feet above ground.

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
13-3/8"	48#	H-40	Surface	1000'	1000'

Intended zone or zones of completion: Sespe (Name) (Depth, top and bottom)

Estimated total depth 11,000'

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
5HR	5HR	✓	Blanket	✓	✓

It is understood that if changes in this plan become necessary we are to notify you before running casing.

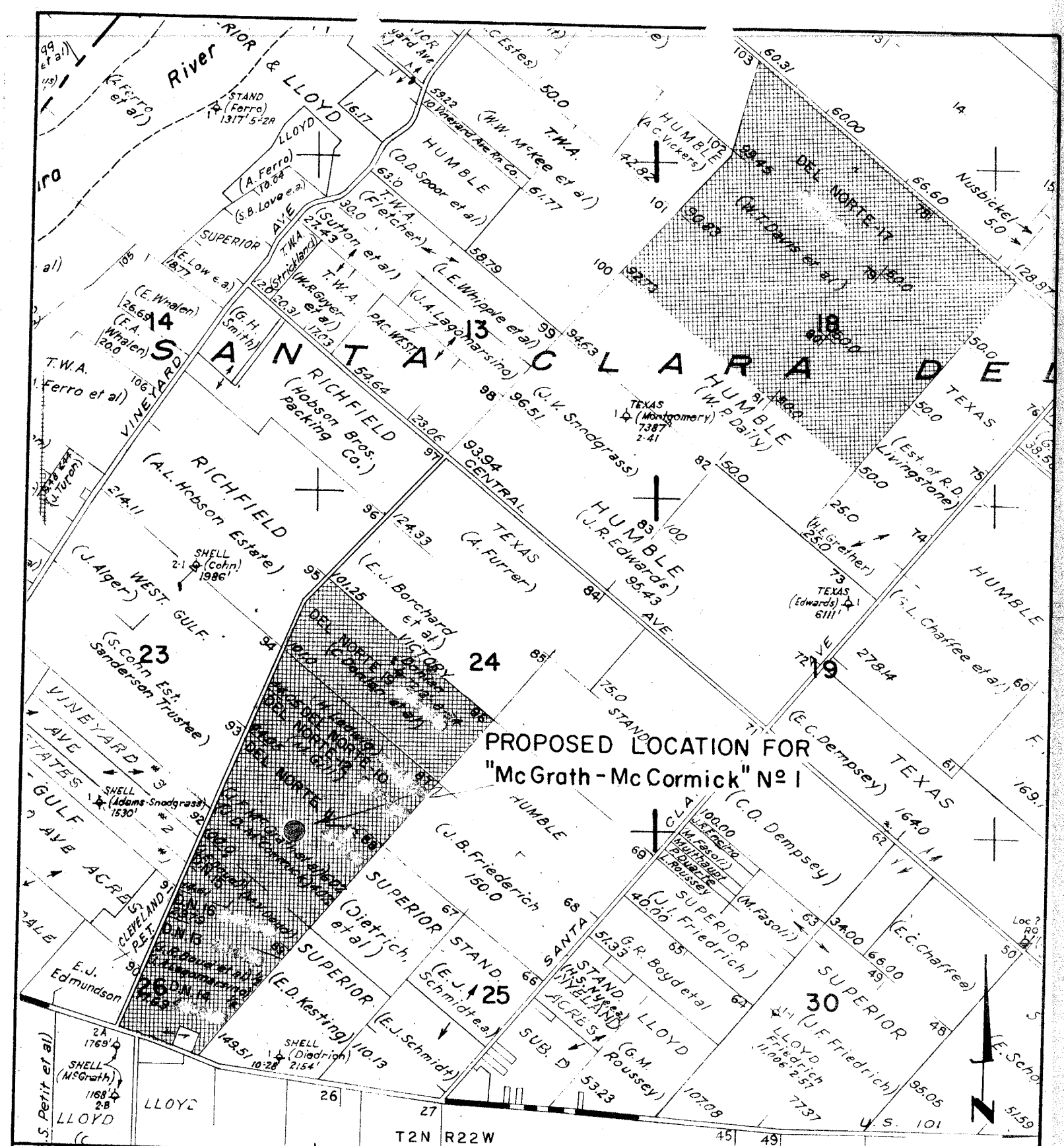
Address P. O. Box 670, Santa Paula, Calif.

Telephone Number Jackson 5-4422

Type of Organization (Corporation, Partnership, Individual, etc.)

UNION OIL COMPANY OF CALIFORNIA
(Name of Operator)

By Carl B. Bowden
Carl B. Bowden, Division Engineer

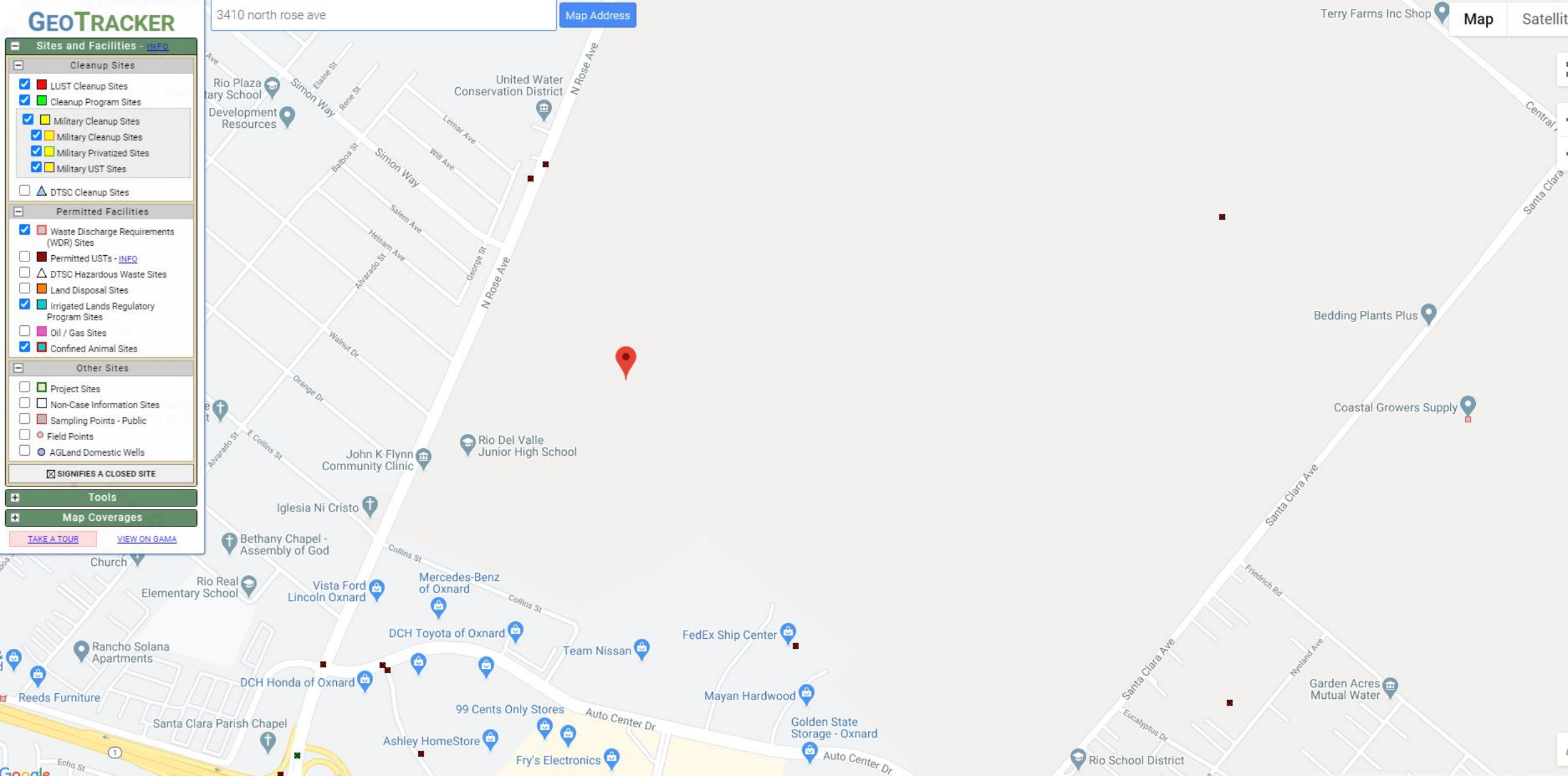


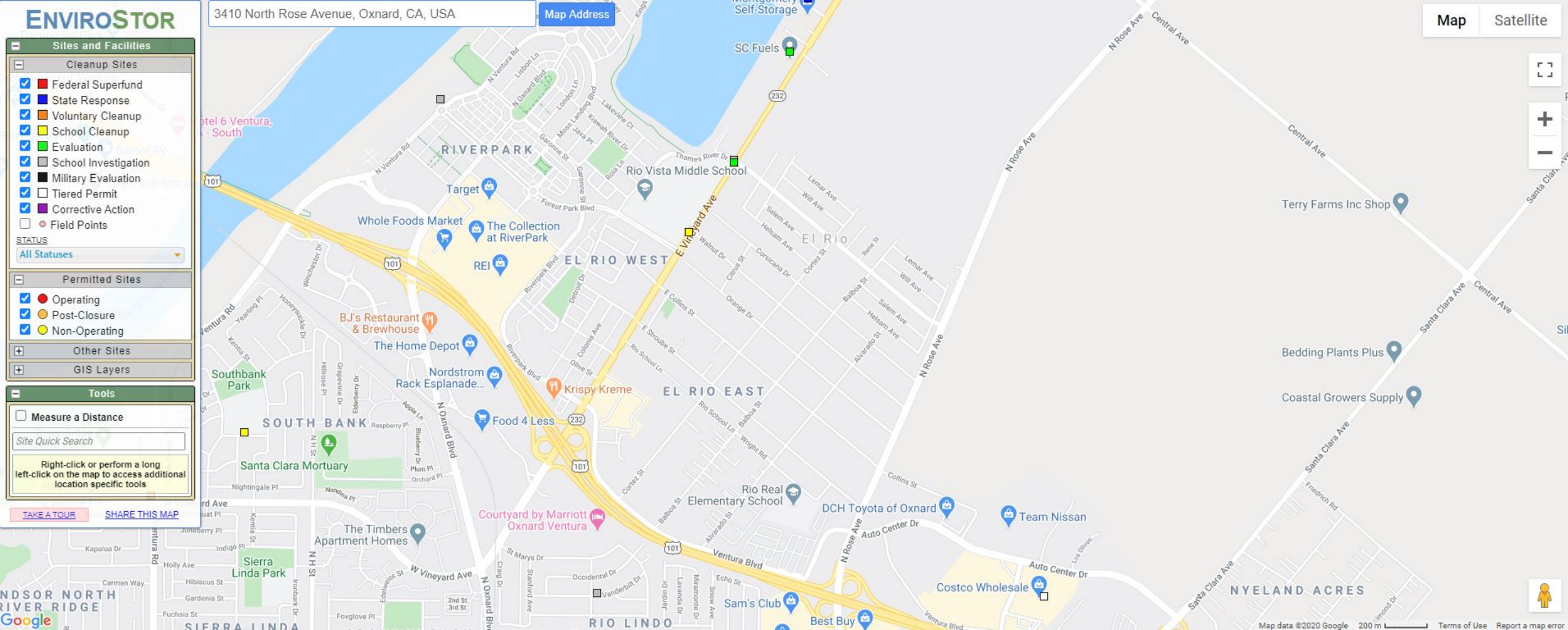
REVISIONS	
Date	By

DEL NORTE AREA

UNION OIL COMPANY OF CALIFORNIA

DRAWN	Lee (U.O. Land Map)
APP'D	C. B. B.
Scale	1" = 2000'
Date	4-8-59


GeoTracker
3410 north rose ave
Map Address
Sites and Facilities - INFO
Cleanup Sites
LUST Cleanup Sites
Cleanup Program Sites
Military Cleanup Sites
Military Cleanup Sites
Military Privatized Sites
Military UST Sites
DTSC Cleanup Sites
Permitted Facilities
Waste Discharge Requirements (WDR) Sites
Permitted USTs - INFO
DTSC Hazardous Waste Sites
Land Disposal Sites
Irrigated Lands Regulatory Program Sites
Oil / Gas Sites
Confined Animal Sites
Other Sites
Project Sites
Non-Case Information Sites
Sampling Points - Public
Field Points
AGLand Domestic Wells
SIGNIFIES A CLOSED SITE
Tools
Map Coverages
TAKE A TOUR
VIEW ON GAMA
Map
Satellit
Terry Farms Inc Shop
United Water Conservation District
Rio Plaza ary School
Development Resources
Simon Way
Elaine St
Rene St
Lemar Ave
Will Ave
Balboa St
Salem Ave
Helsam Ave
Alvarado St
George St
N Rose Ave
Walnut Dr
Orange Dr
E Collins St
Collins St
Bedding Plants Plus
Coastal Growers Supply
Santa Clara Ave
Friedrich Rd
Nyeland Ave
Eucalyptus Dr
Garden Acres Mutual Water
Rio School District
Rio Del Valle Junior High School
John K Flynn Community Clinic
Iglesia Ni Cristo
Bethany Chapel - Assembly of God
Church
Rio Real Elementary School
Vista Ford Lincoln Oxnard
Mercedes-Benz of Oxnard
DCH Toyota of Oxnard
Team Nissan
FedEx Ship Center
Rancho Solana Apartments
Reeds Furniture
DCH Honda of Oxnard
Mayan Hardwood
99 Cents Only Stores
Auto Center Dr
Golden State Storage - Oxnard
Santa Clara Parish Chapel
Ashley HomeStore
Fry's Electronics
Echo St
Google


ENVIROSTOR
3410 North Rose Avenue, Oxnard, CA, USA
Map Address
Map
Satellite
Sites and Facilities
Cleanup Sites
Federal Superfund
State Response
Voluntary Cleanup
School Cleanup
Evaluation
School Investigation
Military Evaluation
Tiered Permit
Corrective Action
Field Points
STATUS
All Statuses
Permitted Sites
Operating
Post-Closure
Non-Operating
Other Sites
GIS Layers
Tools
Measure a Distance
Site Quick Search
Right-click or perform a long left-click on the map to access additional location specific tools
TAKE A TOUR
SHARE THIS MAP
RIVERPARK
EL RIO WEST
EL RIO EAST
SOUTH BANK
EL RIO
NYELAND ACRES
RIO LINDO
Rio Vista Middle School
Target
Whole Foods Market
The Collection at RiverPark
REI
BJ's Restaurant & Brewhouse
The Home Depot
Nordstrom Rack Esplanade...
Krispy Kreme
Food 4 Less
Southbank Park
Santa Clara Mortuary
Courtyard by Marriott Oxnard Ventura
The Timbers Apartment Homes
Sierra Linda Park
Rio Real Elementary School
SC Fuels
Terry Farms Inc Shop
Bedding Plants Plus
Coastal Growers Supply
DCH Toyota of Oxnard
Team Nissan
Costco Wholesale
Sam's Club
Best Buy
N Rose Ave
Central Ave
Santa Clara Ave
E Vineyard Ave
W Vineyard Ave
Ventura Blvd
Auto Center Dr
Riverpark Blvd
Forest Park Blvd
Thames River Dr
Map data ©2020 Google
200 m
Terms of Use
Report a map error



Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

500 m
1000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

Date Printed: Jul 22, 2020

811 Know what's below. Call before you dig.

SEE MAP R12

SEE MAP Q13

SEE MAP S13

1123

3100

90-231A
SHT # 28

VR. HIGHSCHOOL

A

B

H-1

H-2

EL RIO
GYM

R-13	City of Oxnard	0 160 320 Feet	WATER ATLAS	March 2018	N	FH: 2 WV: 2	R-13

This map is compiled by the City of Oxnard GIS Division, which is developed and operated solely for the convenience of the City. The map is for illustrative purposes only. The City does not warrant the accuracy of this map and no decision involving a risk of injury or economic loss should be made in reliance thereon.

SEE MAP R14

DRAWING NUMBER 90-231A 26/38

DRAWING NUMBER

DRAWING NUMBER 90-231A 26/38

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

STA. 283+00 MATCH LINE SEE SHEET No. 27

STA. 271+00 MATCH LINE SEE SHEET No. 25

TOP EL. = 95.01

STA. 279+75 - INSTALL 3" COMBINATION AIR/VAC VALVE

STA. 279+70 G.B. TOP EL. = 96.00

STA. 279+44 - INSTALL 4" BLOW-OFF

EXIST. 42" ϕ WATERLINE

EXIST. 10" WASTEWATER LINE

STA. 279+30 G.B. TOP EL. = 95.15

STA. 279+14.97 = STA. 279+00.00 ON 36" ϕ

TOP EL. = 96.00

INST. 36" B.F.V.

STA. 278+49.76

TOP EL. = 96.00

STA. 278+24.20 - INST. 16" B.F.V.

STA. 277+77.76 TOP EL. = 92.00

STA. 277+35.58 TOP EL. = 90.00

STA. 276+14.87

TOP EL. = 88.00

STA. 275+79.40

STA. 275+79.40 = STA. 275+00.00 AHEAD

STA. 273+05 - INST. 8" COMBINATION AIR/VAC VALVE W/4 GUARDPOSTS

STA. 273+00 G.B. TOP EL. = 97.80

STA. 272+70 G.B. TOP EL. = 93.08

STA. 272+30 - INST. ACCESS MH & BLOW-OFF

STA. 272+20 G.B. TOP EL. = 93.00

STA. 271+30 G.B. TOP EL. = 97.81

TOP EL. = 98.03

STA. 271+10 - 4" BLOW-OFF

APPROX. EXIST. GROUND ELEV OVER ℄ OF WATERLINE (TYP.)

TOP OF PIPELINE

S = 0.0030

S = 0.00000

S = 0.0031

S = 0.0025

S = 0.0000

S = 0.0023

S = 0.0026

WELD JOINTS

16" ϕ CMLC STEEL PIPE, CLASS 150

WELD JOINTS

36" ϕ CMLC STEEL PIPE, CLASS 150

EXIST. 30" WATERLINE

EXIST. 12" WATERLINE

WELD JOINTS

283 282 281 280 279 278 277 276 275 274 273 272 271

110 100 90

STA. 279+14.97
℄ 83°32'57" LT.
N 14,726.152
E 15,034.883

INSTALL 24" B.F.V. ϕ OPERATOR (7/36)

INSTALL 16" B.F.V. ϕ OPERATOR (7/36)

S 23°54'22" W

16" ϕ WATERLINE

42"W (ON ℄)

10"WW

12"W

40'

5'

STA. 279+75 - INSTALL 3" COMBINATION AIR/VAC (7/35) (7/37)

CAUTION: EXIST. 42" WATERLINE CONTRACTOR TO PROTECT IN PLACE

SIMON WAY

STA. 279+49.76
℄ 90°01'07" RT.
N 14,712.066
E 15,066.683

INSTALL 36" B.F.V. ϕ OPERATOR (7/36)

FUTURE 24" ϕ WATERLINE (BY OTHERS)

SEE TEE DETAIL (2/33)

36" ϕ WATERLINE

S 66°06'45" E

STA. 279+44 - INSTALL 4" BLOW-OFF PER CITY OF OXNARD STD. PLATE NO. 307

ROSE AVENUE

NEW 36" LINE MOVED 4' TO CLEAR EXIST. GAS LINE (2)

CAUTION: EXIST. GAS LINE. TAKE SPECIAL PRECAUTIONS

EXISTING R/W

S 22°26'12" W

STA. 273+05 - INST. 8" COMBINATION AIR/VAC VALVE W/4 GUARDPOSTS NO. GUARDPOSTS (7/35) (7/37)

30"W

3"G

STA. 272+30 - INSTALL ACCESS MH & BLOW-OFF (5/35)

STA. 271+00 MATCH LINE SEE SHEET No. 25

16" WATERLINE

FUTURE 24" WATERLINE (BY OTHERS)

36" WATERLINE

ROSE AVENUE

NOTE:

1. VERTICAL TRENCH REQUIRED BETWEEN STA. 214+80 AND 204+40

REGISTERED PROFESSIONAL ENGINEER CHRIS A. HOOKER Exp. 3/31/92 No. 42276 CIVIL STATE OF CALIFORNIA

SCALE IN FEET

0 40 80 120 160

4 3 2 1 0

BOYLE ENGINEERING CORPORATION
CONSULTING ENGINEERS / ENGINEERS
5851 THILLE ST. VENTURA, CA 93003

Chris A. Hooker 10/23/91
CHRIS A. HOOKER RCE 42276 EXP 3-31-92 DATE

MARK	DATE	DESCRIPTION	BY
1	10/92	REVISED P/ COUNTY	LB
2	3/92	AS-BUILT	

REVISIONS

APPROVAL RECOMMENDED BY:
Len Palomares 3/26/92
RCE 41743 EXP. 3/31/92 DATE

DATE

CITY OF OXNARD, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

DEL NORTE PIPELINE
PLAN & PROFILE STA. 271+00 TO STA. 283+00

REVIEWED BY: ASST PUBLIC WORKS DIR RCE 26099 EXP 3/31/92 DATE

REVIEWED BY: Seymour L. Wong 3-23-92
PUBLIC WORKS DIR RCE 15337 EXP 3/31/93 DATE

SCALE HORIZ. 1" = 40' VERT. 1" = 4'

SHEET NO 26 OF 38

DRAWN BY BGR

CHECKED BY CAR

DRAWING NUMBER 90-231A

Photogrammetry by PHOTO GEODETIC CORPORATION

pr24

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 11. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

Spatial Reference System Division
National Geodetic Survey, NOAA
Silver Spring Metro Center
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3191

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242**, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from U.S. Geological Survey Digital Orthophoto Quadrangles produced at a scale of 1:12,000 from photography dated 1994 or later.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to confirm to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

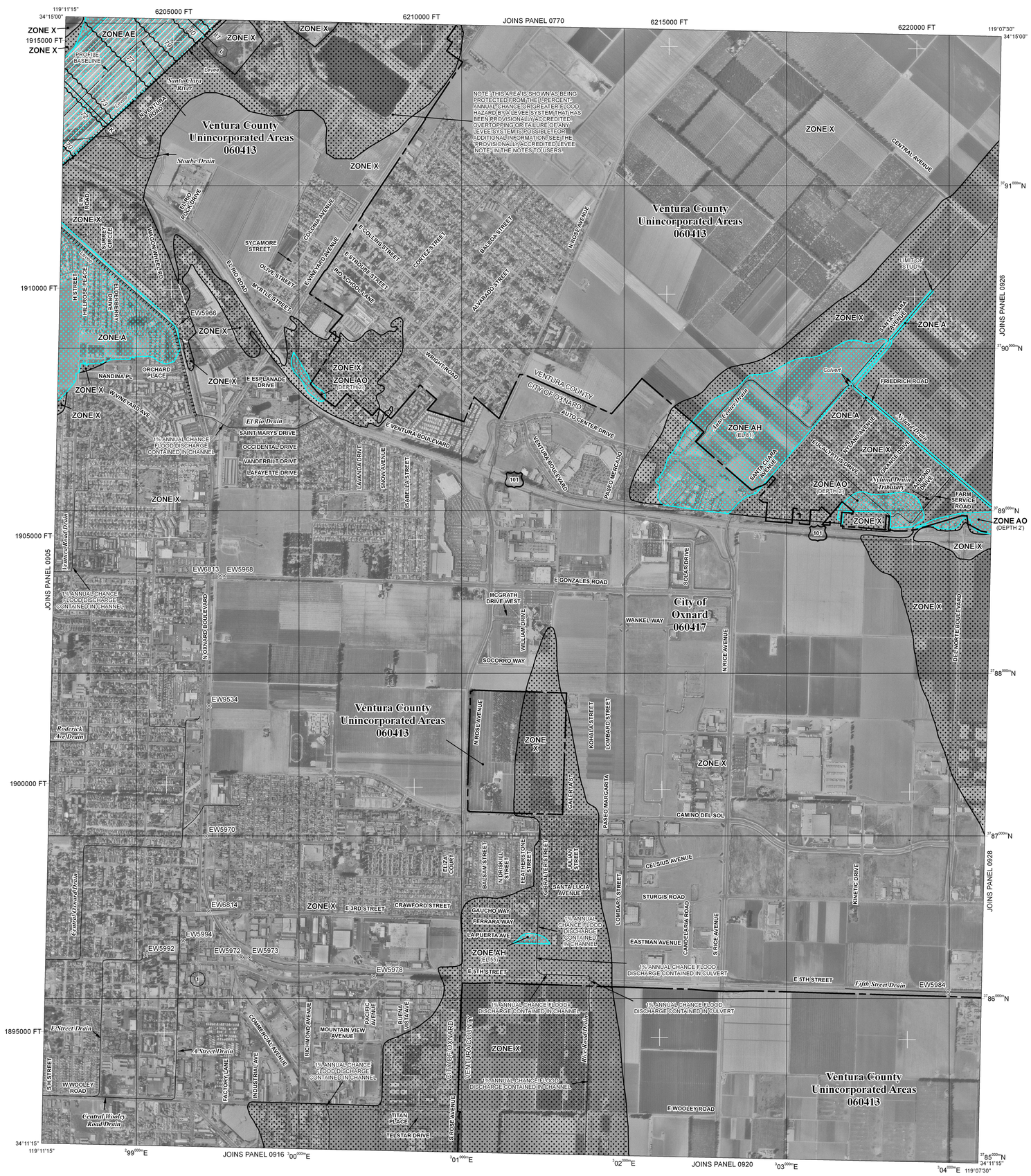
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://www.mcs.fema.gov.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov.

Provisionally Accredited Levee Notes to Users: Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, on the levee system(s) shown as providing protection for areas on this panel. To maintain accreditation, the levee owner or community is required to submit the data and documentation necessary to comply with Section 65.10 of the NFIP regulations by December 1, 2009. If the community or owner does not provide the necessary data and documentation or if the data and documentation provided indicate the levee system does not comply with Section 65.10 requirements, FEMA will revise the flood hazard and risk information for this area to reflect de-accreditation of the levee system. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at http://www.fema.gov/business/nfip/index.shtm.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X — Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D — Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

- A — A — Cross section line
- 23 — — — 23 — Transect line
- 87°07'45", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 2976000mN — 1000-meter Universal Transverse Mercator grid values, zone 11
- 600000 FT — 5000-foot grid ticks: California State Plane coordinate system, zone V (FIPSZONE 0405), Lambert Conformal Conic projection
- DX5510 × — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- ●M1.5 — River Mile

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
January 20, 2010

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'
500 0 1000 2000 FEET
300 0 300 600 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0910E

FIRM
FLOOD INSURANCE RATE MAP

VENTURA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

PANEL 910 OF 1275
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
OXNARD, CITY OF	060417	0910	E
VENTURA COUNTY	060413	0910	E

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06111C0910E

EFFECTIVE DATE
JANUARY 20, 2010

Federal Emergency Management Agency

Fall 1972 Upper Aquifer System Potentiometric Surface Map

Legend

- 1972 Fall UAS Water Level Elevation
- 1972 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

DISCLAIMER: The information contained herein was created by the Ventura County Watershed Protection District for use by the Fox Canyon Groundwater Management Agency. This potentiometric surface map is an interpretation of the data that was available at the time that the map was prepared. No warranty is made as to the accuracy of the data shown and Ventura County Watershed Protection District and Fox Canyon Groundwater Management Agency expressly disclaim liability for any errors or omissions in the contents of these maps.
Note - For nested wells contours reflect lowest water level elevation.

Legend

1972 Fall UAS Water Level Elevation (feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -40
- -80 to -60
- -100 to -80
- <-100

San Buenaventura
Oxnard
Port Hueneme
Camarillo
Thousand Oaks
CAMARILLO HILLS
Pacific Ocean
El Rio #15
El Rio #5
CM3-145
A1-195
CM4-275
CM4-200
SCE-220
CM6-330
CM6-200
CM1A-220

Miles
0 1 2 4

N
W E
S

Fall 1974 Upper Aquifer System Potentiometric Surface Map

Legend

- 1974 Fall UAS Water Level Elevation
- 1974 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

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Note - For nested wells contours reflect lowest water level elevation.

Legend

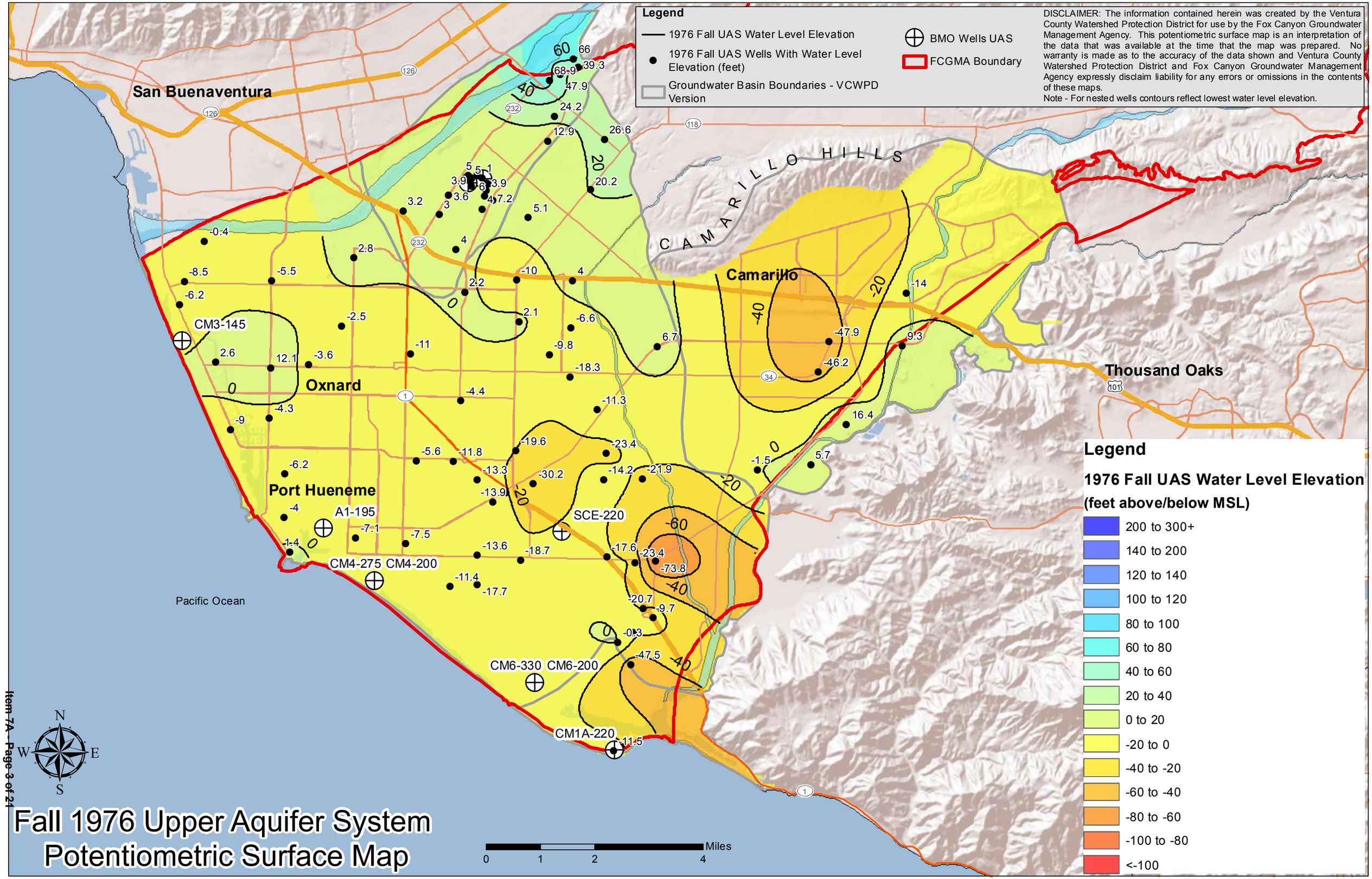
1974 Fall UAS Water Level Elevation
(feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -80
- -80 to -60
- -100 to -80
- <-100

San Buenaventura
Oxnard
Port Hueneme
Camarillo
Thousand Oaks
CAMARILLO HILLS
Pacific Ocean
CM3-145
A1-195
CM4-275
CM4-200
SCE-220
CM6-330
CM6-200
CM1A-220

N W E S

0 1 2 4 Miles



Fall 1976 Upper Aquifer System Potentiometric Surface Map

Fall 1978 Upper Aquifer System Potentiometric Surface Map

Legend

- 1978 Fall UAS Water Level Elevation
- 1978 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

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Note - For nested wells contours reflect lowest water level elevation.

San Buenaventura
Oxnard
Port Hueneme
Camarillo
Thousand Oaks
CAMARILLO HILLS
Pacific Ocean

CM3-145
A1-195
CM4-275
CM4-200
SCE-220
CM6-330
CM6-200
CM1A-220

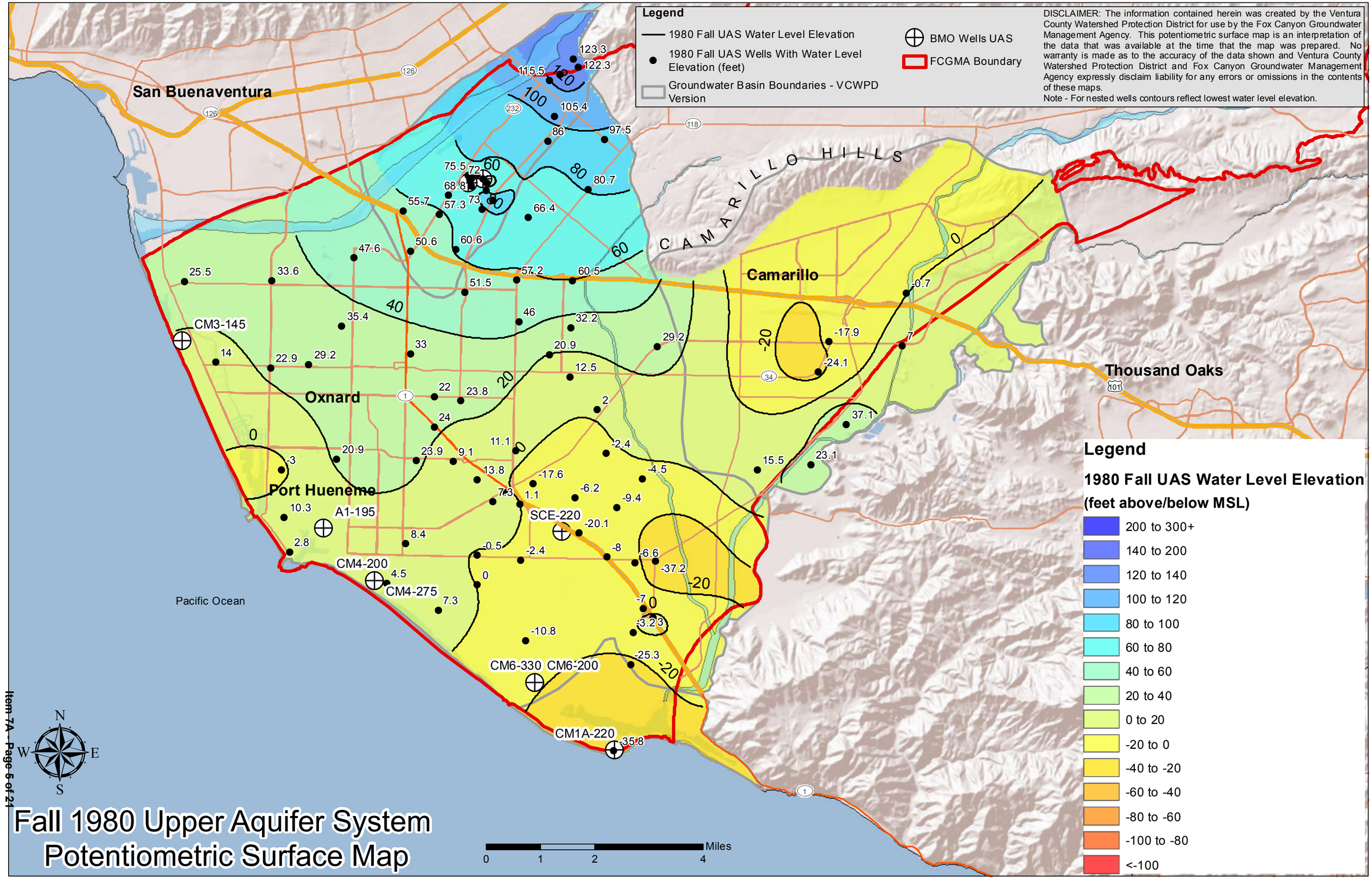
Legend

1978 Fall UAS Water Level Elevation (feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -80
- -80 to -60
- -100 to -80
- <-100

N W E S

0 1 2 4 Miles



Fall 1980 Upper Aquifer System Potentiometric Surface Map

Legend

- 1982 Fall UAS Water Level Elevation
- 1982 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

DISCLAIMER: The information contained herein was created by the Ventura County Watershed Protection District for use by the Fox Canyon Groundwater Management Agency. This potentiometric surface map is an interpretation of the data that was available at the time that the map was prepared. No warranty is made as to the accuracy of the data shown and Ventura County Watershed Protection District and Fox Canyon Groundwater Management Agency expressly disclaim liability for any errors or omissions in the contents of these maps.
Note - For nested wells contours reflect lowest water level elevation.

San Buenaventura
Oxnard
Port Hueneme
Camarillo
Thousand Oaks
CAMARILLO HILLS
Pacific Ocean

El Rio #15 54.5
El Rio #5 47
CM3-145
A1-195
CM4-200
CM4-275
SCE-220
CM6-330
CM6-200
CM1A-220

123.6 106.8 78.1 97.3 80.8 66.3 49.5 49 40.3 42.8 37.7 34.7 12.4 13.4 23.1 37.2 35.2 42.8 34.6 29.5 21.7 25.4 19.8 9.9 21 7.1 4.1 7 15.8 -6.9 -1.3 -11.7 16.1 4.5 13 9.8 8.5 0.6 -16.2 -9.8 4.2 6.6 6.7 0.5 -9 -19.7 -10.4 -22.8 4.2 4.2 0 0.6 -37 11.2 -2.5 -8.9 37.6 75.5 16.4 25.7

120 100 80 60 40 20 0 -20 -40

Item 7A - Page 6 of 21

N W E S

Miles
0 1 2 4

Fall 1982 Upper Aquifer System Potentiometric Surface Map

Legend

1982 Fall UAS Water Level Elevation (feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -40
- -80 to -60
- -100 to -80
- <-100

Fall 1984 Upper Aquifer System Potentiometric Surface Map

Legend

- 1984 Fall UAS Water Level Elevation
- 1984 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

DISCLAIMER: The information contained herein was created by the Ventura County Watershed Protection District for use by the Fox Canyon Groundwater Management Agency. This potentiometric surface map is an interpretation of the data that was available at the time that the map was prepared. No warranty is made as to the accuracy of the data shown and Ventura County Watershed Protection District and Fox Canyon Groundwater Management Agency expressly disclaim liability for any errors or omissions in the contents of these maps.
Note - For nested wells contours reflect lowest water level elevation.

Legend

1984 Fall UAS Water Level Elevation (feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -80
- -80 to -60
- -100 to -80
- <-100

San Buenaventura
Oxnard
Port Hueneme
Camarillo
Thousand Oaks
CAMARILLO HILLS
Pacific Ocean
El Rio #5
CM3-145
A1-195
CM4-200
CM4-275
SCE-220
CM6-200
CM6-330
CM1A-220

Miles
0 1 2 4

Fall 1986 Upper Aquifer System Potentiometric Surface Map

Legend

- 1986 Fall UAS Water Level Elevation
- 1986 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

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San Buenaventura
Oxnard
Port Hueneme
Camarillo
Thousand Oaks
CAMARILLO HILLS
Pacific Ocean

El Rio #15
El Rio #5
CM3-145
A1-195
CM4-200
CM4-275
SCE-220
CM6-330
CM6-200
CM1A-220

98.5 90.6 72.5 53.4 36.5 30.9 33.1 10.2 21.6 31.4 34.2 9.8 14.8 28.5 32.9 35.1 30.2 24.6 21.8 20.2 26.7 43.1 20 11.7 -27.4 8.8 14.9 8.1 10 1 14.5 41.8 12.7 8.9 1.1 -6.5 5.3 -6.6 14 25.1 -11.8 -15.1 -3.5 5.5 7.4 6.4 5.5 14.7 -5.8 -9 -8.5 -62.3 5.2 2.9 -8.7 -14.3 -11.1 -47.5

80 60 40 20 0 -20 -40 -60

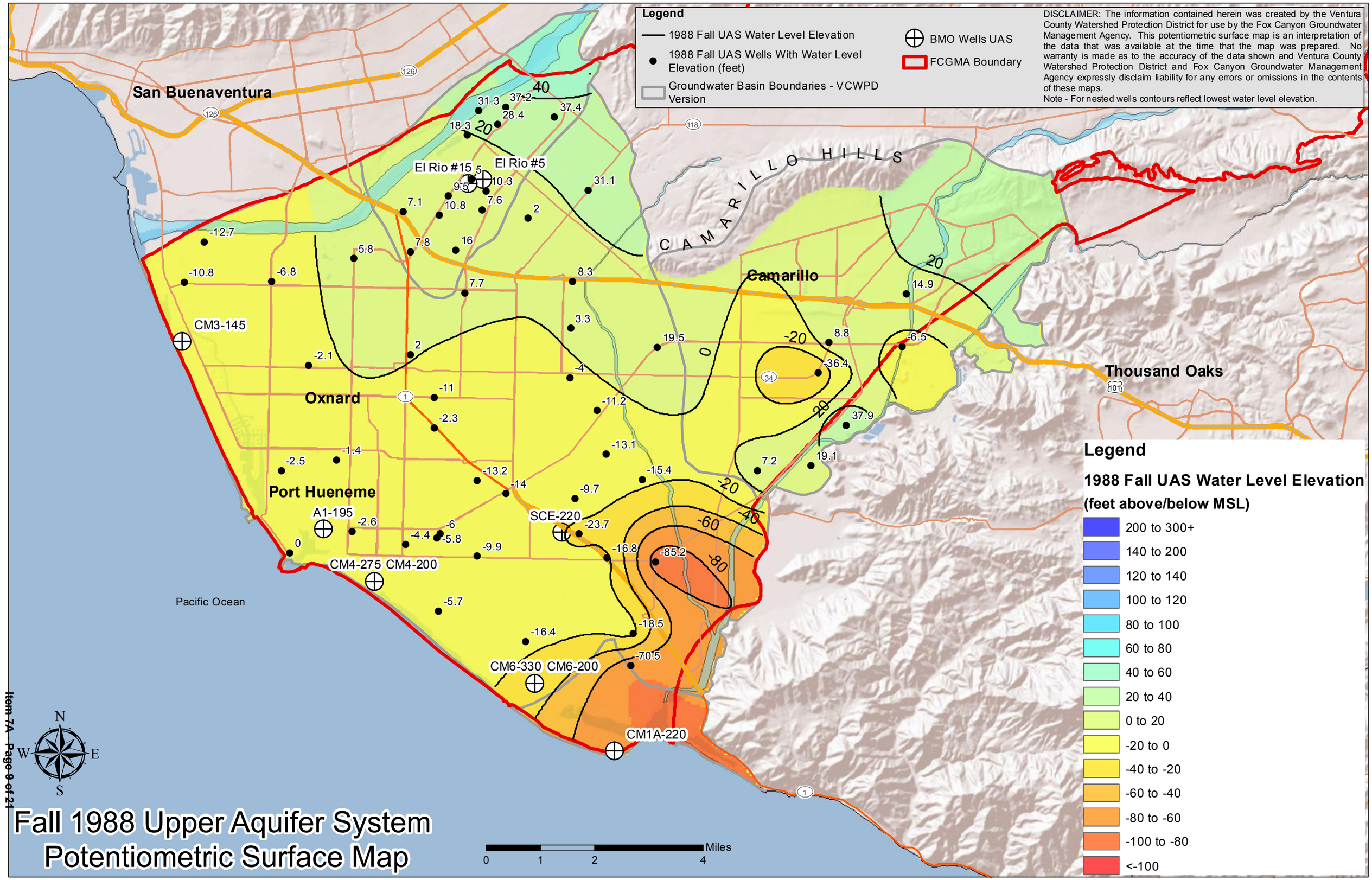
Miles
0 1 2 4

N W E S

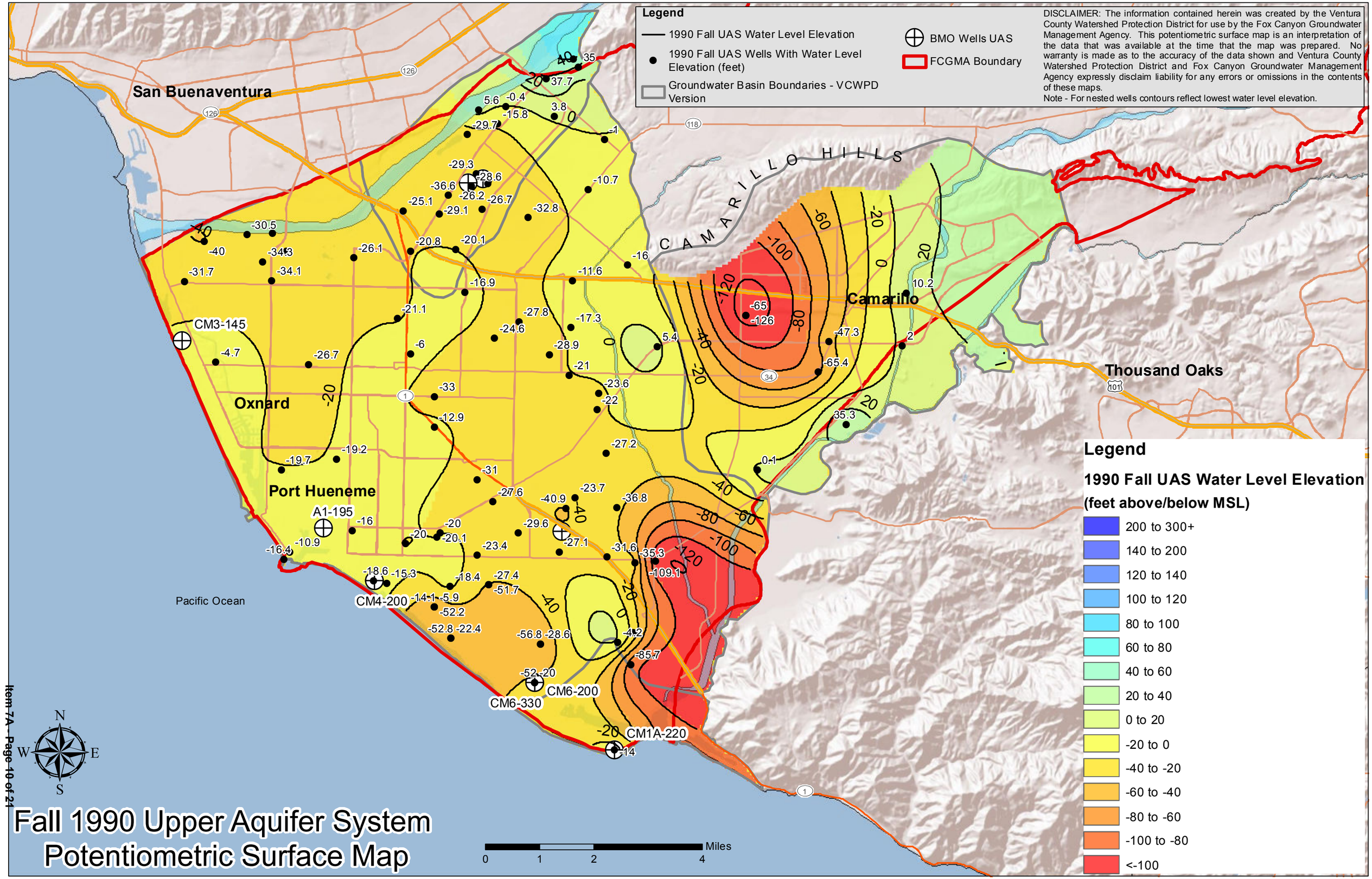
Legend

1986 Fall UAS Water Level Elevation (feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -80
- -80 to -60
- -100 to -80
- <-100



Fall 1988 Upper Aquifer System Potentiometric Surface Map



Fall 1990 Upper Aquifer System Potentiometric Surface Map

Fall 1992 Upper Aquifer System Potentiometric Surface Map

Legend

- 1992 Fall UAS Water Level Elevation
- 1992 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

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El Rio #15
El Rio #5
CM3-145
A1-195
CM4-200
CM4-275
CM6-200
CM6-330
CM1A-220

Legend
1992 Fall UAS Water Level Elevation
(feet above/below MSL)
- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -40
- -80 to -60
- -100 to -80
- <-100

N W E S

0 1 2 4 Miles

Fall 1994 Upper Aquifer System Potentiometric Surface Map

Legend

- 1994 Fall UAS Water Level Elevation
- 1994 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

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Legend

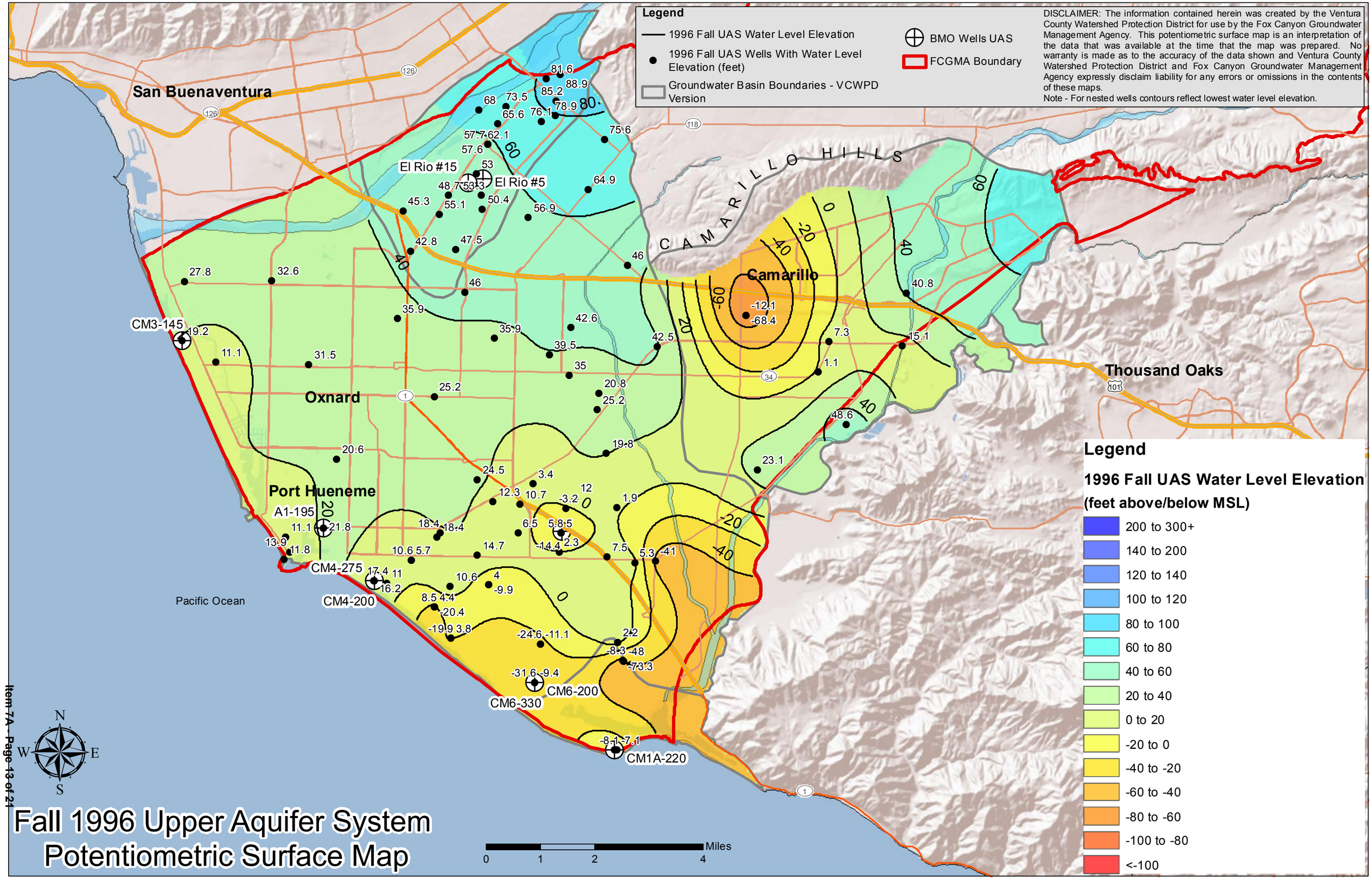
1994 Fall UAS Water Level Elevation
(feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -40
- -80 to -60
- -100 to -80
- <-100

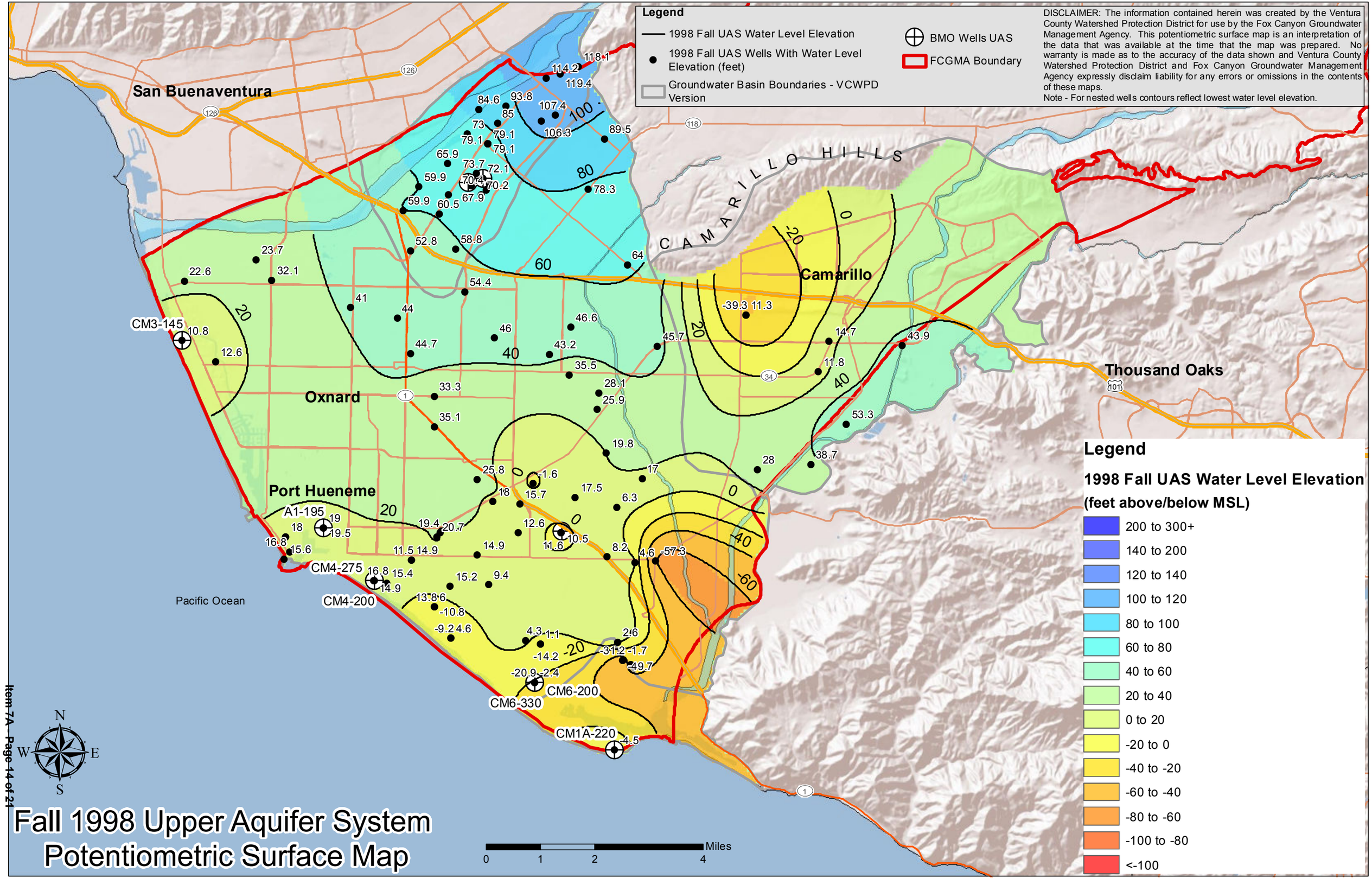
San Buenaventura
Oxnard
Port Hueneme
Camarillo
Thousand Oaks
Pacific Ocean
CAMARILLO HILLS
El Rio #15
CM3-145
A1-195
CM4-200
CM6-200
CM6-330
CM1A-220

N W E S

Miles
0 1 2 4



Fall 1996 Upper Aquifer System Potentiometric Surface Map


Legend
1998 Fall UAS Water Level Elevation
1998 Fall UAS Wells With Water Level Elevation (feet)
Groundwater Basin Boundaries - VCWPD Version
BMO Wells UAS
FCGMA Boundary
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CM3-145
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CM6-200
CM6-330
CM1A-220
A1-195
Legend
1998 Fall UAS Water Level Elevation
(feet above/below MSL)
200 to 300+
140 to 200
120 to 140
100 to 120
80 to 100
60 to 80
40 to 60
20 to 40
0 to 20
-20 to 0
-40 to -20
-60 to -40
-80 to -60
-100 to -80
<-100
N
W
E
S
Miles
0
1
2
4
Fall 1998 Upper Aquifer System
Potentiometric Surface Map

Fall 2000 Upper Aquifer System Potentiometric Surface Map

Legend

- 2000 Fall UAS Water Level Elevation
- 2000 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

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CM3-145
CM4-200
SCE-220
CM6-200
CM6-330
CM1A-220

Legend

2000 Fall UAS Water Level Elevation (feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -40
- -80 to -60
- -100 to -80
- <-100

N W E S

0 1 2 4 Miles

Fall 2002 Upper Aquifer System Potentiometric Surface Map

Legend

- 2002 Fall UAS Water Level Elevation
- 2002 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

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Pacific Ocean
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CM4-200
CM6-200
CM6-330
CM1A-220
A1-195
SCE-220

Legend

2002 Fall UAS Water Level Elevation (feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -40
- -80 to -60
- -100 to -80
- <-100

N W E S

0 1 2 4 Miles

Fall 2004 Upper Aquifer System Potentiometric Surface Map

Legend

- 2004 Fall UAS Water Level Elevation
- 2004 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

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CM6-200
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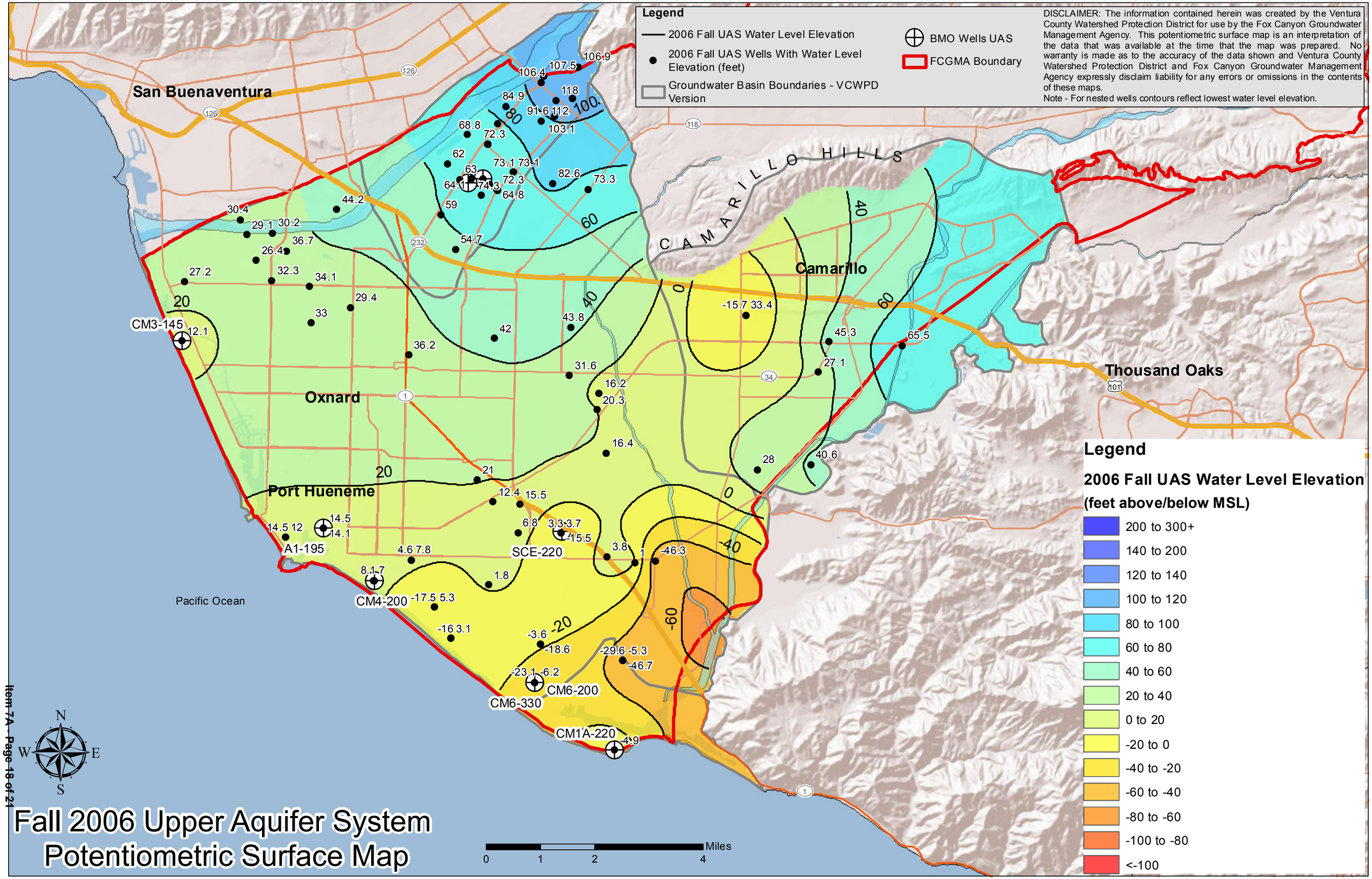
Miles
0 1 2 4

N W E S

Legend

2004 Fall UAS Water Level Elevation (feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -40
- -80 to -60
- -100 to -80
- <-100



Fall 2006 Upper Aquifer System Potentiometric Surface Map

Fall 2008 Upper Aquifer System Potentiometric Surface Map

Legend

- 2008 Fall UAS Water Level Elevation
- 2008 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

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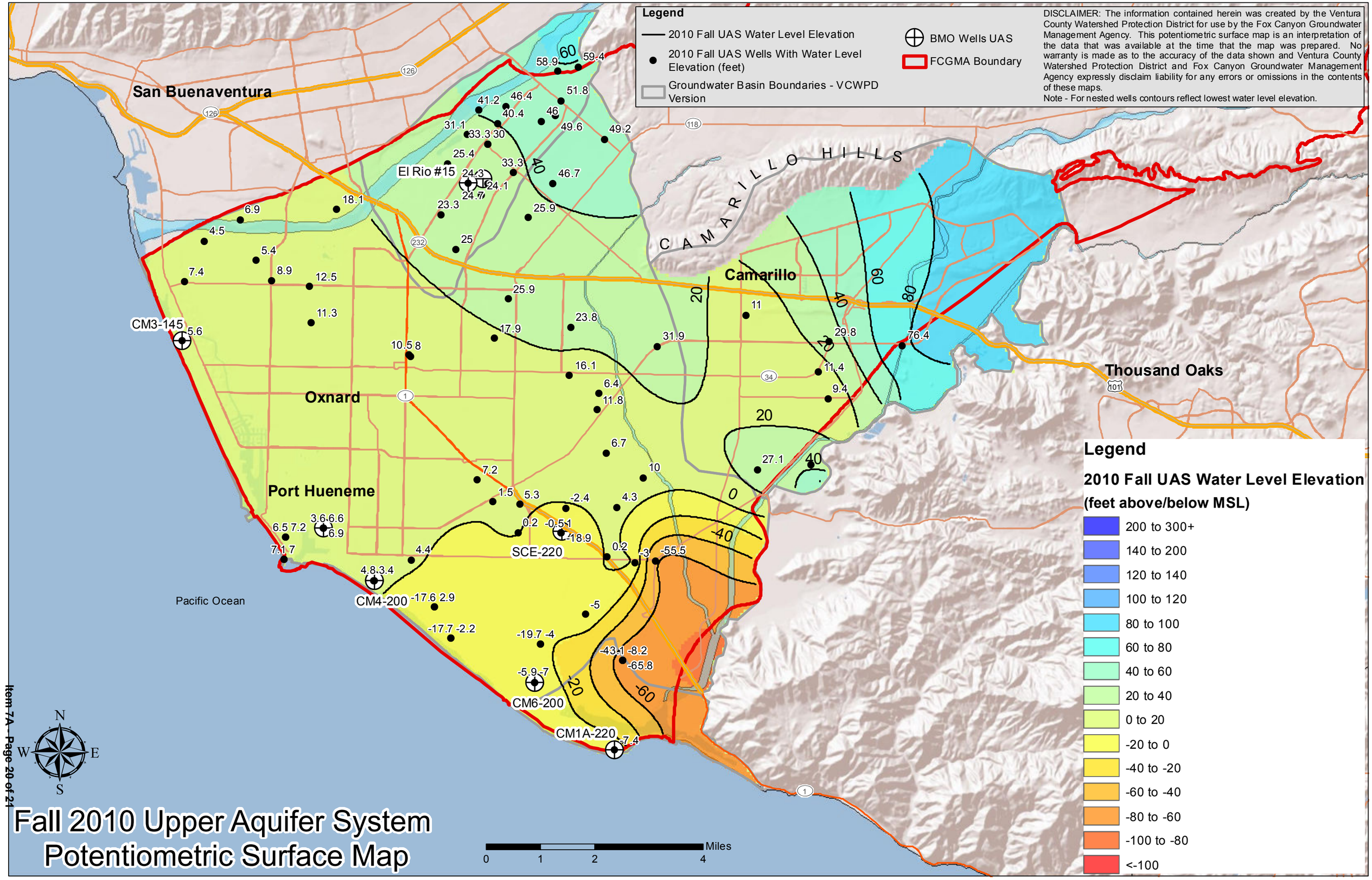
Legend

2008 Fall UAS Water Level Elevation (feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -40
- -80 to -60
- -100 to -80
- <-100

N W E S

0 1 2 4 Miles



Fall 2010 Upper Aquifer System Potentiometric Surface Map

Fall 2012 Upper Aquifer System Potentiometric Surface Map

Legend

- 2012 Fall UAS Water Level Elevation
- 2012 Fall UAS Wells With Water Level Elevation (feet)
- Groundwater Basin Boundaries - VCWPD Version
- BMO Wells UAS
- FCGMA Boundary

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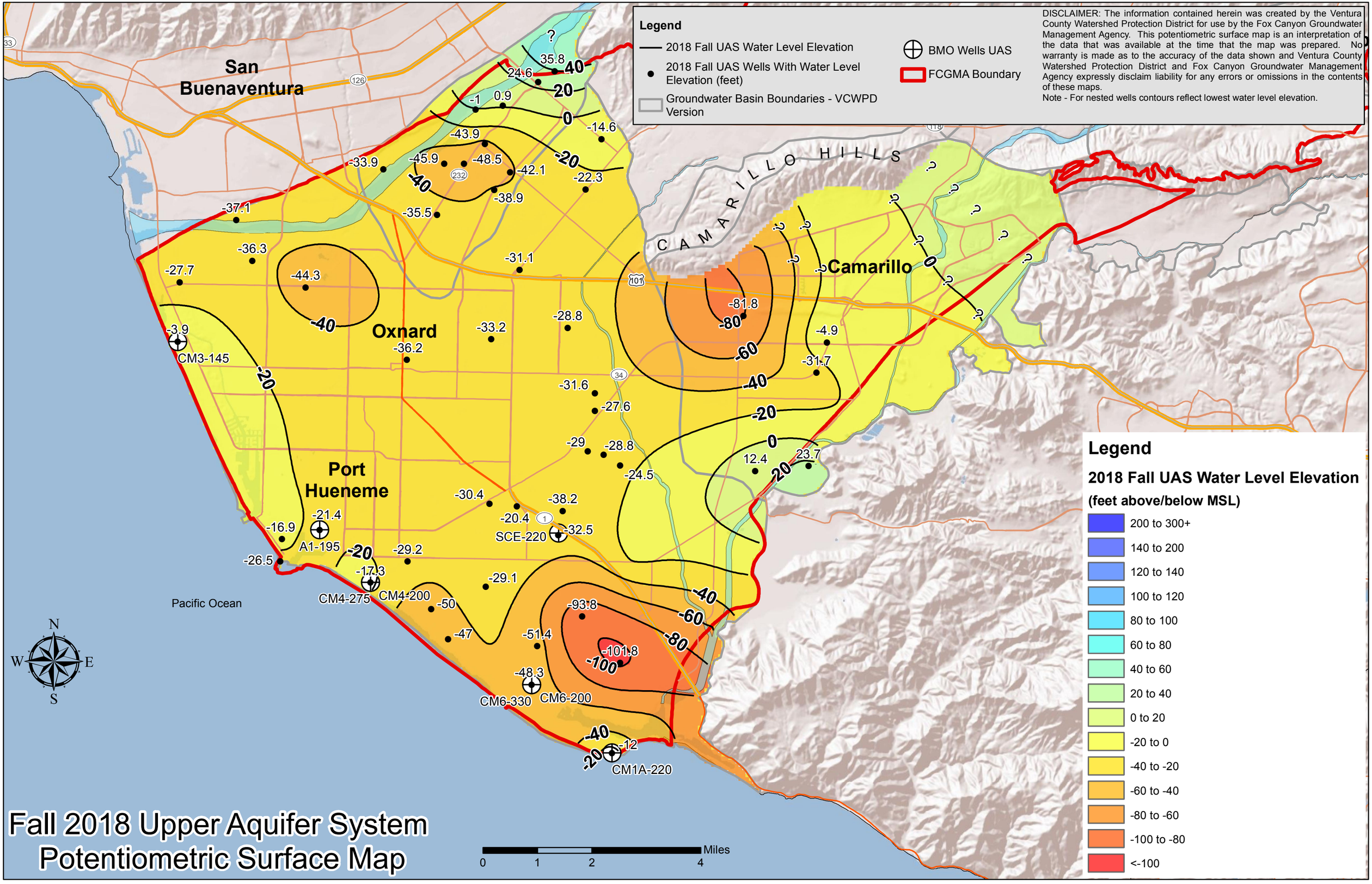
Legend

2012 Fall UAS Water Level Elevation (feet above/below MSL)

- 200 to 300+
- 140 to 200
- 120 to 140
- 100 to 120
- 80 to 100
- 60 to 80
- 40 to 60
- 20 to 40
- 0 to 20
- -20 to 0
- -40 to -20
- -60 to -40
- -80 to -60
- -100 to -80
- <-100

N W E S

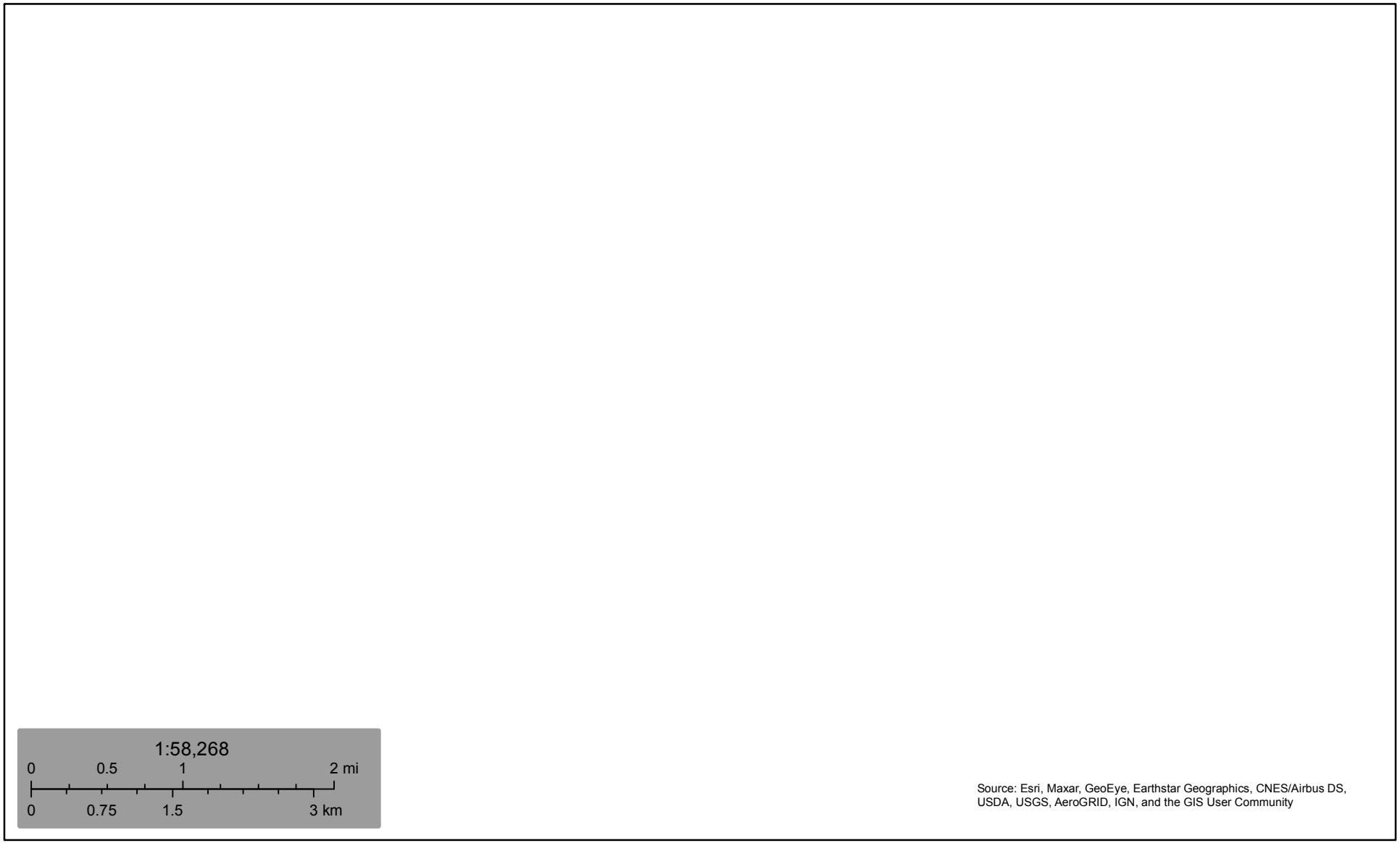
0 1 2 4 Miles



Fall 2018 Upper Aquifer System Potentiometric Surface Map

[redacted]

NFWS Map of Sites

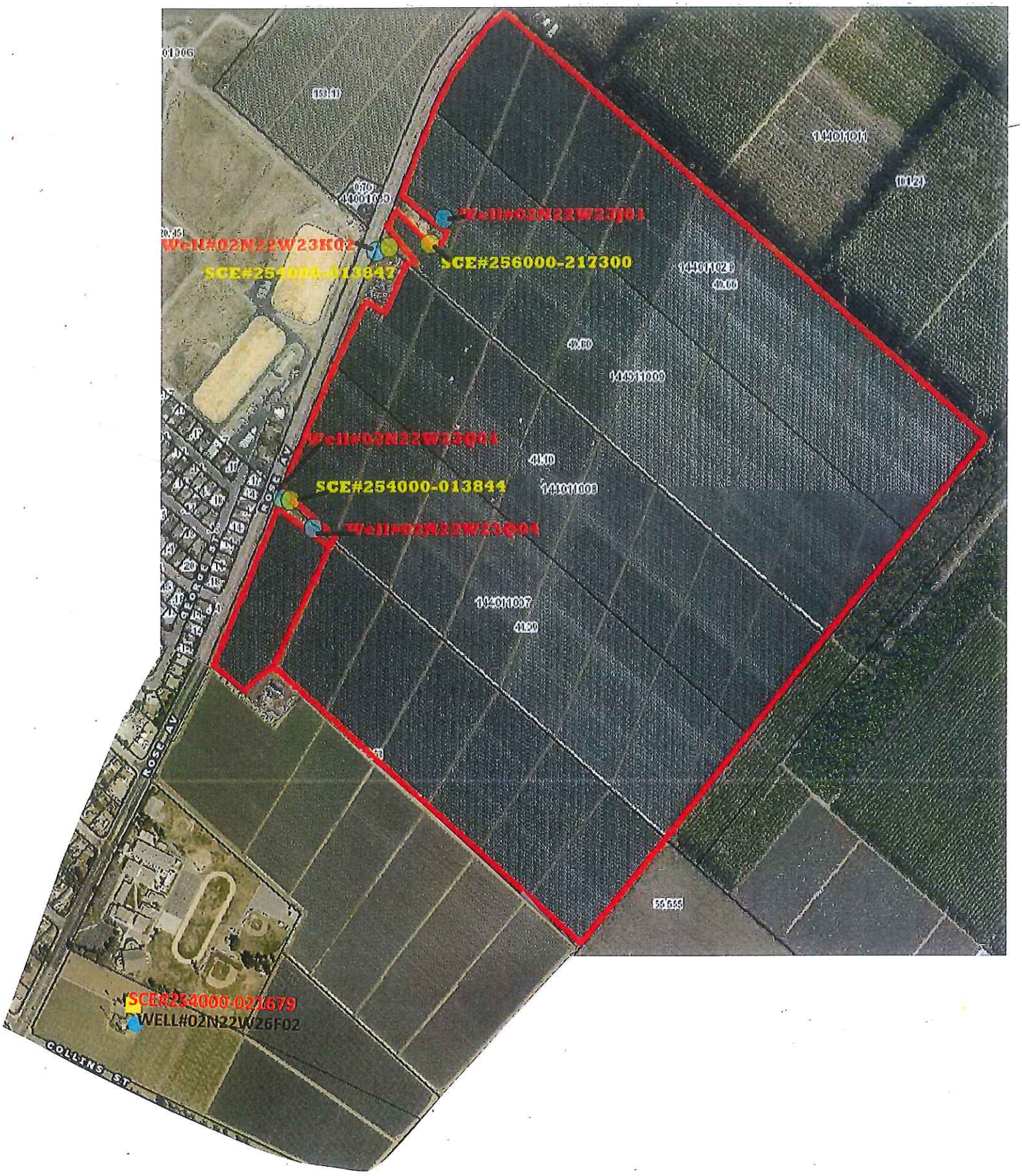


August 4, 2020

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.


Well#02N22W23J01
Well#02N22W23K02
SCE#254000-013847
SCE#256000-212300
Well#02N22W23Q01
SCE#254000-013844
Well#02N22W23Q04
ROSE AV
SCE#254000-021679
WELL#02N22W26F02
COLLINS ST

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E ENVIRONMENTAL DATABASE REPORTS

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APN 144-011-022
3410 North Rose Avenue
Oxnard, CA 93036

Inquiry Number: 6104542.2s
June 26, 2020

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Map Findings Summary	4
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3410 NORTH ROSE AVENUE
OXNARD, CA 93036

COORDINATES

Latitude (North):	34.2339970 - 34° 14' 2.38''
Longitude (West):	119.1529470 - 119° 9' 10.60''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	301705.1
UTM Y (Meters):	3790003.0
Elevation:	97 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619402 OXNARD, CA
Version Date:	2012
North Map:	5619414 SATICOY, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140605, 20140901
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
3410 NORTH ROSE AVENUE
OXNARD, CA 93036

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	DITCH RANCH	3410 N ROSE RD	HIST UST		TP
A2	UNITED WATER CONSERV	3561 N ROSE AVE	CERS HAZ WASTE, SWEEPS UST, HIST UST, CERS TANKS,...	Higher	759, 0.144, North
A3	UNITED WATER CONSERV	3561 N ROSE AVE	AST	Higher	759, 0.144, North
A4	UNITED WATER CONSERV	3561 N. ROSE AVE.	RCRA-SQG, ICIS, US AIRS, FINDS, HAZNET, HWTS	Higher	759, 0.144, North
B5	UNITED WATER CONSERV	3561 ROSE AVE	UST	Higher	1058, 0.200, North
B6	UWCD EL RIO BOOSTER	3561 ROSE AVE	LUST, HIST UST, Cortese, CERS	Higher	1136, 0.215, North
7	UWCD EL RIO BOOSTER	3561 ROSE AVE	LUST, AST, VENTURA CO. BWT, EMI, CERS	Higher	1561, 0.296, North
8	LEXUS OF OXNARD	1621 AUTO CENTER DR.	LUST, Cortese, CERS	Lower	1596, 0.302, South
9	FEDERAL EXPRESS	3150 PASEO MERCADO	LUST, Cortese, NPDES, WDS, CIWQS, CERS	Lower	2084, 0.395, SE
10	NORTHFIELD BUSINESS	ROSE AVE	CPS-SLIC, CHMIRS, CERS	Lower	2171, 0.411, SSW
C11	GTE-EL RIO C.O.	1505 VENTURA BL	LUST, Cortese, HIST CORTESE, CERS	Lower	2284, 0.433, SSW
C12	GTE-EL RIO CENTRAL O	1505 VENTURA BLVD	LUST, CERS	Lower	2284, 0.433, SSW
C13	DCH HONDA OF OXNARD	1500 E VENTURA BLVD	RCRA-LQG, LUST, CERS	Lower	2391, 0.453, SSW
C14	HONDA OF OXNARD	1500 VENTURA BLVD.	LUST, Cortese	Lower	2391, 0.453, SSW
15	TODEY LINCOLN MERCUR	1601 VENTURA BLVD	LUST, SWEEPS UST, CA FID UST, Cortese, ENF, CERS	Lower	2500, 0.473, SSW
D16	DONLON CITRUS CO	3840 ROSE AVENUE	LUST, UST, CERS	Higher	2574, 0.488, NNE
D17	DONLON CITRUS COMPAN	3840 N ROSE AVE	Cortese, HAZNET, HWTS	Higher	2574, 0.488, NNE
18	COSTCO WHOLESALE NO	2001 E VENTURA BLVD	RCRA-LQG, ENVIROSTOR, FINDS, ECHO, HAZNET, MED...	Lower	3323, 0.629, SSE
19	RIO VISTA MIDDLE SCH	VINEYARD & WALNUT AV	ENVIROSTOR, SCH	Higher	4322, 0.819, WNW
20	EASTERN ELEMENTARY S	EAST VINEYARD AVENUE	ENVIROSTOR, SCH	Higher	4432, 0.839, NW
21	SOUTHERN PACIFIC MIL	3555 VINEYARD AVE	ENVIROSTOR, LUST, VENTURA CO. BWT, Cortese, CERS	Higher	4614, 0.874, NW
22	TELEFLEX CONTROL SYS	1950 WILLIAMS DRIVE	ENVIROSTOR	Lower	4713, 0.893, South
23	PRICE COMPANY	2600 VINEYARD AVENUE	ENVIROSTOR	Lower	5156, 0.977, West
24	VENTURA OIL	3815 VINEYARD	ENVIROSTOR, LUST, CPS-SLIC, VENTURA CO. BWT, EMI,...	Higher	5197, 0.984, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
DITCH RANCH 3410 N ROSE RD OXNARD, CA 93030	HIST UST Facility Id: 00000058349	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators

RCRA-VSQG ---- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System
US ENG CONTROLS ---- Engineering Controls Sites List
US INST CONTROLS ---- Institutional Controls Sites List

Federal ERNS list

ERNS ---- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---- Underground Storage Tank Listing
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing
VCP ---- Voluntary Cleanup Program Properties

State and tribal Brownfields sites

BROWNFIELDS ---- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---- Waste Management Unit Database
SWRCY ---- Recycler Database
HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

EXECUTIVE SUMMARY

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL	Delisted National Clandestine Laboratory Register
HIST Cal-Sites	Historical Calsites Database
SCH	School Property Evaluation Program
CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register
PFAS	PFAS Contamination Site Location Listing

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program

UMTRA ---- Uranium Mill Tailings Sites
LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
FINDS ---- Facility Index System/Facility Registry System
ECHO ---- Enforcement & Compliance History Information
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
CA BOND EXP. PLAN ---- Bond Expenditure Plan
VENTURA CO. BWT ---- Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
CUPA Listings ---- CUPA Resources List
DRYCLEANERS ---- Cleaner Facilities
EMI ---- Emissions Inventory Data
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
HAZNET ---- Facility and Manifest Data
ICE ---- ICE
HWP ---- EnviroStor Permitted Facilities Listing
HWT ---- Registered Hazardous Waste Transporter Database
MED WASTE VENTURA ---- Medical Waste Program List
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
NPDES ---- NPDES Permits Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
Notify 65 ---- Proposition 65 Records
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
CIWQS ---- California Integrated Water Quality System
CERS ---- CERS
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)
MINES MRDS ---- Mineral Resources Data System
HWTS ---- Hazardous Waste Tracking System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants
EDR Hist Auto ---- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner ---- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---- Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/23/2020 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED WATER CONSERV EPA ID:: CAD983634494	***3561 N. ROSE AVE.***	***N 1/8 - 1/4 (0.144 mi.)***	***A4***	***17***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/27/2020 has revealed that there are 7 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIO VISTA MIDDLE SCH	***VINEYARD & WALNUT AV***	***WNW 1/2 - 1 (0.819 mi.)***	***19***	***157***

Facility Id: 56010019
Status: Certified

EASTERN ELEMENTARY S	***EAST VINEYARD AVENUE***	***NW 1/2 - 1 (0.839 mi.)***	***20***	***165***
Facility Id: 56010016				
Status: No Further Action				
SOUTHERN PACIFIC MIL	***3555 VINEYARD AVE***	***NW 1/2 - 1 (0.874 mi.)***	***21***	***168***
Facility Id: 56500004				
Status: Refer: 1248 Local Agency				
VENTURA OIL	***3815 VINEYARD***	***NNW 1/2 - 1 (0.984 mi.)***	***24***	***177***
Facility Id: 56990003				
Status: Refer: 1248 Local Agency				

Lower Elevation	Address	Direction / Distance	Map ID	Page
COSTCO WHOLESALE NO	***2001 E VENTURA BLVD***	***SSE 1/2 - 1 (0.629 mi.)***	***18***	***105***
Facility Id: 71003264				
Status: Refer: Other Agency				
TELEFLEX CONTROL SYS	1950 WILLIAMS DRIVE	S 1/2 - 1 (0.893 mi.)	22	175
Facility Id: 60001505				
Status: No Action Required				
PRICE COMPANY	2600 VINEYARD AVENUE	W 1/2 - 1 (0.977 mi.)	23	176
Facility Id: 56550001				
Status: No Further Action				

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 10 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UWCD EL RIO BOOSTER	***3561 ROSE AVE***	***N 1/8 - 1/4 (0.215 mi.)***	***B6***	***45***
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008				
Facility Id: C03026				
Status: Case Closed				
Facility Id: 03026				
Status: Case Closed				
Global ID: T0611171990				
UWCD EL RIO BOOSTER	***3561 ROSE AVE***	***N 1/4 - 1/2 (0.296 mi.)***	***7***	***48***
Database: LUST, Date of Government Version: 05/13/2020				
Status: Completed - Case Closed				
Global Id: T0611171990				
DONLON CITRUS CO	***3840 ROSE AVENUE***	***NNE 1/4 - 1/2 (0.488 mi.)***	***D16***	***100***
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008				
Database: LUST, Date of Government Version: 05/13/2020				

Status: Completed - Case Closed
Facility Id: C-01007
Status: Case Closed
Facility Id: 01007
Status: Case Closed
Global Id: T0611193065
Global ID: T0611193065

Lower Elevation	Address	Direction / Distance	Map ID	Page

LEXUS OF OXNARD ***1621 AUTO CENTER DR.*** ***S 1/4 - 1/2 (0.302 mi.)*** ***8*** ***54***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: 930300925
Facility Id: C01031
Status: Case Closed
Facility Id: 01031
Status: Case Closed
Global Id: T061110805
Global Id: T0611125329
Global ID: T061110805
Global ID: T0611125329

FEDERAL EXPRESS ***3150 PASEO MERCADO*** ***SE 1/4 - 1/2 (0.395 mi.)*** ***9*** ***60***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: C04008
Status: Leak being confirmed
Facility Id: 04008
Status: Pollution Characterization
Global Id: T0611161955
Global ID: T0611161955

GTE-EL RIO C.O. ***1505 VENTURA BL*** ***SSW 1/4 - 1/2 (0.433 mi.)*** ***C11*** ***80***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: C-96007
Status: Case Closed
Facility Id: 96007
Status: Case Closed
Global Id: T0611100374
Global Id: T0611101082
Global ID: T0611101082

GTE-EL RIO CENTRAL O ***1505 VENTURA BLVD*** ***SSW 1/4 - 1/2 (0.433 mi.)*** ***C12*** ***85***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Facility Id: C-88138
Status: Case Closed
Facility Id: 88138
Status: Case Closed

Global ID: T0611100374

DCH HONDA OF OXNARD ***1500 E VENTURA BLVD*** ***SSW 1/4 - 1/2 (0.453 mi.)*** ***C13*** ***87***
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Global Id: T0611170364

HONDA OF OXNARD ***1500 VENTURA BLVD.*** ***SSW 1/4 - 1/2 (0.453 mi.)*** ***C14*** ***91***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Facility Id: C-02012
Status: Case Closed
Facility Id: 02012
Status: Case Closed
Global ID: T0611170364

TODEY LINCOLN MERCUR ***1601 VENTURA BLVD*** ***SSW 1/4 - 1/2 (0.473 mi.)*** ***15*** ***93***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 05/13/2020
Status: Completed - Case Closed
Facility Id: C04007
Status: Preliminary site assessment underway
Facility Id: 04007
Status: Case Closed
Global Id: T0611188384
Global ID: T0611188384

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTHFIELD BUSINESS	***ROSE AVE***	***SSW 1/4 - 1/2 (0.411 mi.)***	***10***	***78***

Database: CPS-SLIC, Date of Government Version: 05/13/2020
Facility Status: Completed - Case Closed
Global Id: SLT4304745

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED WATER CONSERV	3561 ROSE AVE	N 1/8 - 1/4 (0.200 mi.)	B5	45

Database: VENTURA CO. UST, Date of Government Version: 01/27/2020

Facility Id: D 1476
Facility Status: Inactive

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED WATER CONSERV	3561 N ROSE AVE	N 1/8 - 1/4 (0.144 mi.)	A3	16
Database: AST, Date of Government Version: 07/06/2016				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 01/21/2020 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED WATER CONSERV	***3561 N ROSE AVE***	***N 1/8 - 1/4 (0.144 mi.)***	***A2***	***9***

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED WATER CONSERV	***3561 N ROSE AVE***	***N 1/8 - 1/4 (0.144 mi.)***	***A2***	***9***
Status: A				
Tank Status: A				
Comp Number: 695				

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED WATER CONSERV	***3561 N ROSE AVE***	***N 1/8 - 1/4 (0.144 mi.)***	***A2***	***9***
UWCD EL RIO BOOSTER	***3561 ROSE AVE***	***N 1/8 - 1/4 (0.215 mi.)***	***B6***	***45***
Facility Id: 00000024507				

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 01/21/2020 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED WATER CONSERV	***3561 N ROSE AVE***	***N 1/8 - 1/4 (0.144 mi.)***	***A2***	***9***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UNITED WATER CONSERV	***3561 N ROSE AVE***	***N 1/8 - 1/4 (0.144 mi.)***	***A2***	***9***
Facility Id: 56002858				
Status: A				

Other Ascertainable Records

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 03/23/2020 has revealed that there are 7 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
UWCD EL RIO BOOSTER	***3561 ROSE AVE***	***N 1/8 - 1/4 (0.215 mi.)***	***B6***	***45***
Cleanup Status: COMPLETED - CASE CLOSED				
DONLON CITRUS COMPAN	***3840 N ROSE AVE***	***NNE 1/4 - 1/2 (0.488 mi.)***	***D17***	***103***
Cleanup Status: COMPLETED - CASE CLOSED				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LEXUS OF OXNARD	***1621 AUTO CENTER DR.***	***S 1/4 - 1/2 (0.302 mi.)***	***8***	***54***
Cleanup Status: COMPLETED - CASE CLOSED				
FEDERAL EXPRESS	***3150 PASEO MERCADO***	***SE 1/4 - 1/2 (0.395 mi.)***	***9***	***60***

Cleanup Status: COMPLETED - CASE CLOSED

GTE-EL RIO C.O.	***1505 VENTURA BL***	***SSW 1/4 - 1/2 (0.433 mi.)***	***C11***	***80***

Cleanup Status: COMPLETED - CASE CLOSED

HONDA OF OXNARD	***1500 VENTURA BLVD.***	***SSW 1/4 - 1/2 (0.453 mi.)***	***C14***	***91***

Cleanup Status: COMPLETED - CASE CLOSED

TODEY LINCOLN MERCUR	***1601 VENTURA BLVD***	***SSW 1/4 - 1/2 (0.473 mi.)***	***15***	***93***

Cleanup Status: COMPLETED - CASE CLOSED

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GTE-EL RIO C.O.	***1505 VENTURA BL***	***SSW 1/4 - 1/2 (0.433 mi.)***	***C11***	***80***

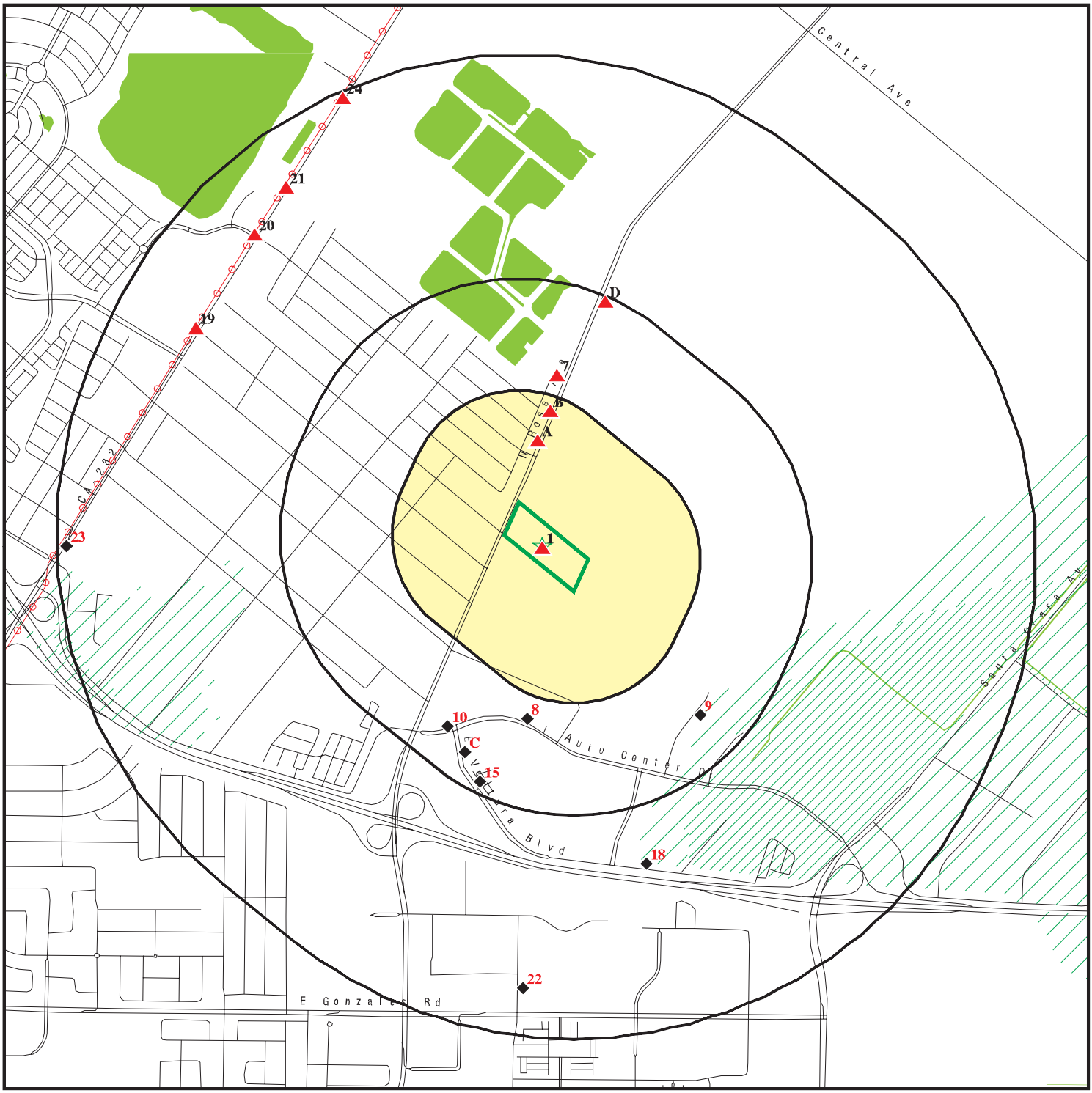
Reg Id: C-88138
Reg Id: C-96007

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
SANTA CLARA/MAXWELL SWIFT/CONNOLLY	ENVIROSTOR

OVERVIEW MAP - 6104542.2S



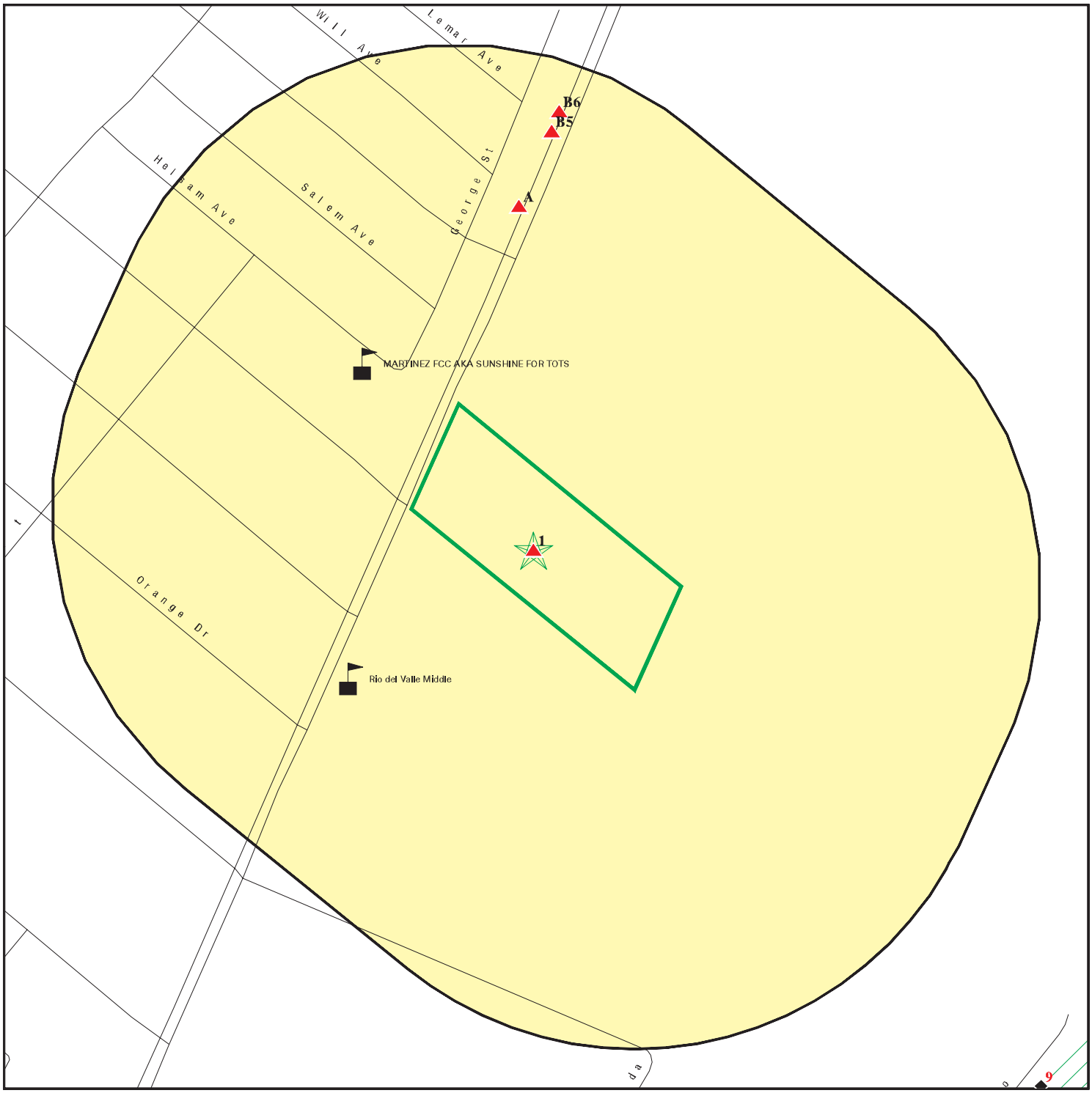
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: APN 144-011-022	CLIENT: Tetra Tech, Inc.
ADDRESS: 3410 North Rose Avenue Oxnard CA 93036	CONTACT: Jim Steele
LAT/LONG: 34.233997 / 119.152947	INQUIRY #: 6104542.2s DATE: June 26, 2020 10:16 am

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DETAIL MAP - 6104542.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

Areas of Concern

N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: APN 144-011-022	CLIENT: Tetra Tech, Inc.
ADDRESS: 3410 North Rose Avenue Oxnard CA 93036	CONTACT: Jim Steele
LAT/LONG: 34.233997 / 119.152947	INQUIRY #: 6104542.2s DATE: June 26, 2020 10:17 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	7	NR	7
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	1	9	NR	NR	10

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	1	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	1	NR	NR	NR	1
AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	1	NR	NR	NR	1
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250	1	0	2	NR	NR	NR	3
CERS TANKS	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
VENTURA CO. BWT	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	1	6	NR	NR	7

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MED WASTE VENTURA	TP		NR	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	0	11	17	7	0	36

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
Target Property
Actual: 97 ft.

DITCH RANCH
3410 N ROSE RD
OXNARD, CA 93030

HIST UST **U001579726**
N/A

HIST UST:

Name:	DITCH RANCH
Address:	3410 N ROSE RD
City,State,Zip:	OXNARD, CA 93030
File Number:	0002CACE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002CACE.pdf
Region:	STATE
Facility ID:	00000058349
Facility Type:	Other
Other Type:	RANCH
Contact Name:	TOM MCGRATH
Telephone:	8054852415
Owner Name:	MCGAELIC GROUP
Owner Address:	1810 LOCKWOOD
Owner City,St,Zip:	OXNARD, CA 93030
Total Tanks:	0001
Tank Num:	001
Container Num:	1A
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

A2
North
1/8-1/4
0.144 mi.
759 ft.
Site 1 of 3 in cluster A
Relative: Higher
Actual: 103 ft.

UNITED WATER CONSERVATION DISTRICT OXNARD
3561 N ROSE AVE
OXNARD, CA 93036

CERS HAZ WASTE **S104161073**
SWEEPS UST **N/A**
HIST UST
CERS TANKS
CA FID UST
CERS

CERS HAZ WASTE:

Name:	UNITED WATER CONSERVATION DISTRICT OXNARD
Address:	3561 N ROSE AVE
City,State,Zip:	OXNARD, CA 93036
Site ID:	164770
CERS ID:	10399885
CERS Description:	Hazardous Chemical Management
Name:	UNITED WATER CONSERVATION DISTRICT OXNARD
Address:	3561 N ROSE AVE
City,State,Zip:	OXNARD, CA 93036
Site ID:	164770
CERS ID:	10399885
CERS Description:	Hazardous Waste Generator

SWEEPS UST:

Name:	EL RIO BOOSTER PUMPING PLANT
Address:	3561 N ROSE AVE
City:	OXNARD
Status:	Active

UNITED WATER CONSERVATION DISTRICT OXNARD (Continued) **S104161073**

Comp Number: 695
Number: 9
Board Of Equalization: 44-030683
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-000695-000001
Tank Status: A
Capacity: 525
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 1

HIST UST:
Name: EL RIO BOOSTER PUMPING PLANT
Address: 3561 N ROSE AVENUE
City,State,Zip: OXNARD, CA 93030
File Number: 0002D032
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002D032.pdf
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CERS TANKS:
Name: UNITED WATER CONSERVATION DISTRICT OXNARD
Address: 3561 N ROSE AVE
City,State,Zip: OXNARD, CA 93036
Site ID: 164770
CERS ID: 10399885
CERS Description: Aboveground Petroleum Storage

CA FID UST:
Facility ID: 56002858
Regulated By: UTNKA
Regulated ID: Not reported

UNITED WATER CONSERVATION DISTRICT OXNARD (Continued) **S104161073**

Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 3561 N ROSE AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: OXNARD 93030
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS:
Name: UNITED WATER CONSERVATION DISTRICT OXNARD
Address: 3561 N ROSE AVE
City,State,Zip: OXNARD, CA 93036
Site ID: 164770
CERS ID: 10399885
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 164770
Site Name: United Water Conservation District Oxnard
Violation Date: 08-25-2016
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 08/26/2016.
Violation Division: Ventura County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 164770
Site Name: United Water Conservation District Oxnard
Violation Date: 08-25-2016
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 08/26/2016.
Violation Division: Ventura County Environmental Health

UNITED WATER CONSERVATION DISTRICT OXNARD (Continued) **S104161073**

Violation Program: HMRRP
Violation Source: CERS

Site ID: 164770
Site Name: United Water Conservation District Oxnard
Violation Date: 08-25-2016
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Description: Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following: (e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or (3) By reconditioning or remanufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or remanufactures the container or inner liner; or (4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of this section; or (i) By shipping the container or inner liner back to the supplier for the purpose of being refilled. (f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of this section shall be marked with the date it has been emptied and shall be managed within one year of being emptied.
Violation Notes: Returned to compliance on 08/26/2016.
Violation Division: Ventura County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 164770
Site Name: United Water Conservation District Oxnard
Violation Date: 08-25-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure of a Tier I qualified facility to have a completed SPCC Plan.
Violation Notes: Returned to compliance on 08/26/2016.
Violation Division: Ventura County Environmental Health
Violation Program: APSA
Violation Source: CERS

Site ID: 164770
Site Name: United Water Conservation District Oxnard
Violation Date: 05-09-2019
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description: Failure to maintain adequate records of drainage when there is drainage of uncontaminated rainwater from liked areas into a storm drain or open watercourse; for example, records required under NPDES permit.
Violation Notes: Returned to compliance on 05/09/2019.
Violation Division: Ventura County Environmental Health
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection

UNITED WATER CONSERVATION DISTRICT OXNARD (Continued) **S104161073**

Eval Date: 08-25-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-14-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: CalARP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2014
Violations Found: No
Eval Type: Routine done by local agency

UNITED WATER CONSERVATION DISTRICT OXNARD (Continued) **S104161073**

Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-09-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Ventura County Environmental Health
Eval Program: HW
Eval Source: CERS

Coordinates:
Site ID: 164770
Facility Name: United Water Conservation District Oxnard
Env Int Type Code: CalARP
Program ID: 10399885
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 34.238736
Longitude: -119.152487

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Ventura County Environmental Health
Entity Title: Not reported
Affiliation Address: 800 South Victoria Avenue
Affiliation City: Ventura
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93009
Affiliation Phone: (805) 654-2813

Affiliation Type Desc: Operator
Entity Name: Brian Collins
Entity Title: Not reported

UNITED WATER CONSERVATION DISTRICT OXNARD (Continued) **S104161073**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 701-7228
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	106 N. 8th Street
Affiliation City:	Santa Paula
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Brian Collins
Entity Title:	Not reported
Affiliation Address:	3561 N Rose Ave
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Brian Collins
Entity Title:	Operations & Maintenance Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	United Water Conservation District
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Brian Collins
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

UNITED WATER CONSERVATION DISTRICT OXNARD (Continued) **S104161073**

Affiliation Type Desc:	Legal Owner
Entity Name:	United Water Conservation District
Entity Title:	Not reported
Affiliation Address:	106 N. 8th Street
Affiliation City:	Santa Paula
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93060
Affiliation Phone:	(805) 525-4431

Affiliation Type Desc:	Property Owner
Entity Name:	United Water Conservation District
Entity Title:	Not reported
Affiliation Address:	106 N. 8th Street
Affiliation City:	Santa Paula
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93060
Affiliation Phone:	(805) 525-4431

Name:	UWCD/EL RIO BOOSTER PLANT
Address:	3561 N ROSE AVE
City,State,Zip:	OXNARD, CA 93036-1821
Site ID:	466157
CERS ID:	110008283437
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Environmental Contact
Entity Name:	MICHAEL W ELLIS
Entity Title:	O&M MANAGER
Affiliation Address:	3561 N ROSE AVE
Affiliation City:	OXNARD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

A3 **UNITED WATER CONSERVATION DISTRICT OXNARD** **AST** **A100425638**
North **3561 N ROSE AVE** **N/A**
1/8-1/4 **OXNARD, CA 93036**
0.144 mi.
759 ft. **Site 2 of 3 in cluster A**

Relative:
Higher

Actual:
103 ft.

AST:

Name:	UNITED WATER CONSERVATION DISTRICT OXNARD
Address:	3561 N ROSE AVE
City/Zip:	OXNARD,93036
Certified Unified Program Agencies:	Not reported
Owner:	United Water Conservation District
Total Gallons:	Not reported
CERSID:	10399885
Facility ID:	Not reported
Business Name:	United Water Conservation District
Phone:	805 485-5114
Fax:	805 485-4012

UNITED WATER CONSERVATION DISTRICT OXNARD (Continued) **A100425638**

Mailing Address:	106 N. 8th Street
Mailing Address City:	Santa Paula
Mailing Address State:	CA
Mailing Address Zip Code:	93036
Operator Name:	Michael Ellis
Operator Phone:	805 804-7123
Owner Phone:	805 525-4431
Owner Mail Address:	106 N. 8th Street
Owner State:	CA
Owner Zip Code:	93060
Owner Country:	United States
Property Owner Name:	United Water Conservation District
Property Owner Phone:	805 525-4431
Property Owner Mailing Address:	106 N. 8th Street
Property Owner City:	Santa Paula
Property Owner Stat :	CA
Property Owner Zip Code:	93060
Property Owner Country:	United States
EPAID:	CAD983634494

A4 **UNITED WATER CONSERVATION DISTRICT** **RCRA-SQG** **1000686213**
North **3561 N. ROSE AVE.** **ICIS** **CAD983634494**
1/8-1/4 **OXNARD, CA 93036** **US AIRS**
0.144 mi. **FINDS**
759 ft. **Site 3 of 3 in cluster A** **HAZNET**
HWTS

Relative:
Higher

Actual:
103 ft.

RCRA-SQG:

Date form received by agency:	2017-04-10 00:00:00.0
Facility name:	UNITED WATER CONSERVATION DISTRICT
Facility address:	3561 N. ROSE AVE. OXNARD, CA 93036
EPA ID:	CAD983634494
Mailing address:	N. 8TH STREET SANTA PAULA, CA 93060
Contact:	MICHAEL W ELLIS
Contact address:	N. 8TH STREET SANTA PAULA, CA 93060
Contact country:	US
Contact telephone:	805-485-5114
Telephone ext.:	16
Contact email:	MIKEE@UNITEDWATER.ORG
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	UNITED WATER CONSERVATION DISTRICT
Owner/operator address:	N. 8TH STREET SANTA PAULA, CA 93060
Owner/operator country:	US
Owner/operator telephone:	805-525-4431
Owner/operator email:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: 1956-01-01 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: MICHAEL ELLIS
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: 1992-07-16 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 2013-02-21 00:00:00.0
Site name: EL RIO BOOSTER PLANT
Classification: Large Quantity Generator

Date form received by agency: 1992-04-28 00:00:00.0
Site name: UNITED WATER CONSERVATION DIST
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 123
. Waste name: Unspecified alkaline solution

. Waste code: 135
. Waste name: Unspecified aqueous solution

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 222
. Waste name: Oil/water separation sludge

. Waste code: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 511
. Waste name: Empty pesticide containers 30 gallons or more

. Waste code: 512
. Waste name: Other empty containers 30 gallons or more

. Waste code: 513
. Waste name: Empty containers less than 30 gallons

. Waste code: 551
. Waste name: Laboratory waste chemicals

. Waste code: 611
. Waste name: Contaminated soil from site clean-ups

. Waste code: 612
. Waste name: Household waste

. Waste code: 791
. Waste name: Liquids with pH < 2

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

ICIS:

Enforcement Action ID: CAVCAA0000061110138900017
FRS ID: 110008283437
Action Name: UWCD/EL RIO BOOSTER PLANT 061110138900017
Facility Name: UWCD/EL RIO BOOSTER PLANT
Facility Address: 3561 ROSE AVE
OXNARD, CA 93030
Enforcement Action Type: Administrative Order
Facility County: VENTURA
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4941
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.241667
Longitude in Decimal Degrees: -119.1525
Permit Type Desc: Not reported
Program System Acronym: CAVCA0000611101389
Facility NAICS Code: 221310
Tribal Land Code: Not reported

Enforcement Action ID: CAVCAA0000061110138900016
FRS ID: 110008283437
Action Name: UWCD/EL RIO BOOSTER PLANT 061110138900016
Facility Name: UWCD/EL RIO BOOSTER PLANT
Facility Address: 3561 ROSE AVE
OXNARD, CA 93030
Enforcement Action Type: Notice of Violation
Facility County: VENTURA
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4941
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.241667
Longitude in Decimal Degrees: -119.1525
Permit Type Desc: Not reported
Program System Acronym: CAVCA0000611101389
Facility NAICS Code: 221310
Tribal Land Code: Not reported

Enforcement Action ID: CAVCAA0000061110138900012
FRS ID: 110008283437
Action Name: UWCD/EL RIO BOOSTER PLANT 061110138900012
Facility Name: UWCD/EL RIO BOOSTER PLANT
Facility Address: 3561 ROSE AVE
OXNARD, CA 93030

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Enforcement Action Type: Administrative Order
Facility County: VENTURA
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 4941
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.241667
Longitude in Decimal Degrees: -119.1525
Permit Type Desc: Not reported
Program System Acronym: CAVCA0000611101389
Facility NAICS Code: 221310
Tribal Land Code: Not reported

Enforcement Action ID: CAVCAA00000611101389000011
FRS ID: 110008283437
Action Name: UWCD/EL RIO BOOSTER PLANT 061110138900011
Facility Name: UWCD/EL RIO BOOSTER PLANT
Facility Address: 3561 ROSE AVE
OXNARD, CA 93030
Enforcement Action Type: Notice of Violation
Facility County: VENTURA
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 4941
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 34.241667
Longitude in Decimal Degrees: -119.1525
Permit Type Desc: Not reported
Program System Acronym: CAVCA0000611101389
Facility NAICS Code: 221310
Tribal Land Code: Not reported

US AIRS MINOR:
Envid: 1000686213
Region Code: 09
Programmatic ID: AIR CAVCA0000611101389
Facility Registry ID: 110008283437
D and B Number: Not reported
Primary SIC Code: 4941
NAICS Code: 221310
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

FINDS:
Registry ID: 110055738019

Click Here:

Environmental Interest/Information System:
STATE MASTER

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

HAZNET:

Name:	UNITED WATER CONSERVATION DIST 3561
Address:	3561 N ROSE AVE
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930610000
Contact:	MIKE ELLIS
Telephone:	8054855114
Mailing Name:	Not reported
Mailing Address:	106 N 8TH ST
Year:	2017
Gepaid:	CAD983634494
TSD EPA ID:	AZR000515924
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.1
Year:	2016
Gepaid:	CAD983634494
TSD EPA ID:	AZR000515924
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.275
Year:	2014
Gepaid:	CAD983634494
TSD EPA ID:	CAD097030993
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02
Year:	2012
Gepaid:	CAD983634494
TSD EPA ID:	CAD097030993
CA Waste Code:	122 - Alkaline solution without metals pH >= 12.5
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.68805
Year:	2012
Gepaid:	CAD983634494
TSD EPA ID:	CAD097030993
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.525
Year:	2011
Gepaid:	CAD983634494
TSD EPA ID:	CAD028409019
CA Waste Code:	331 - Off-specification, aged or surplus organics

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.096

Year: 2011
Gepaid: CAD983634494
TSD EPA ID: CAD008488025
CA Waste Code: 122 - Alkaline solution without metals pH >= 12.5
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 14.595

Year: 2005
Gepaid: CAD983634494
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.28

Year: 2004
Gepaid: CAD983634494
TSD EPA ID: CAT080033681
CA Waste Code: 121 - Alkaline solution (pH >= 12.5) with metals
Disposal Method: R01 - Recycler
Tons: 14.595

Year: 2004
Gepaid: CAD983634494
TSD EPA ID: CAT080033681
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.7089

Click this hyperlink while viewing on your computer to access
25 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2001
Gen EPA ID: CAD983634494

Shipment Date: 20011024
Creation Date: 1/16/2002 0:00:00
Receipt Date: 20011102
Manifest ID: 21334071
Trans EPA ID: CAD983609678
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080033681
Trans Name: Not reported
TSDF Alt EPA ID: CAT080033681
TSDF Alt Name: Not reported
CA Waste Code: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Disposal Method: R01 - Recycler
Quantity Tons: 0.5

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Waste Quantity:	1000
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011024
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011102
Manifest ID:	21334072
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011016
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011019
Manifest ID:	21260793
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.8
Waste Quantity:	1600
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010608

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010615
Manifest ID:	20953314
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010608
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010615
Manifest ID:	20953314
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20010608
Creation Date:	10/1/2001 0:00:00
Receipt Date:	20010615
Manifest ID:	21164635
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010608
Creation Date:	8/24/2001 0:00:00
Receipt Date:	20010615
Manifest ID:	20953314
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAD983634494
Shipment Date:	20031016
Creation Date:	8/5/2004 10:07:02
Receipt Date:	20031023
Manifest ID:	22930430
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Quantity Tons:	0.00417
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031016
Creation Date:	8/5/2004 10:07:02
Receipt Date:	20031023
Manifest ID:	22930430
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	461 - Paint sludge
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030714
Creation Date:	7/28/2004 10:48:03
Receipt Date:	20030724
Manifest ID:	22549560
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Shipment Date:	20030714
Creation Date:	7/28/2004 10:45:53
Receipt Date:	20030724
Manifest ID:	22547468
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002
Disposal Method:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030714
Creation Date:	7/28/2004 10:45:53
Receipt Date:	20030724
Manifest ID:	22547468
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030313
Creation Date:	3/16/2007 18:30:41
Receipt Date:	20030314
Manifest ID:	22003449
Trans EPA ID:	CAR000053587
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.315
Waste Quantity:	75
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993
Gen EPA ID:	CAD983634494
Shipment Date:	19930916
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	93171029
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	- Not reported
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930825
Creation Date:	9/12/1995 0:00:00
Receipt Date:	19930827
Manifest ID:	93171002
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
Trans Name:	Not reported
TSDF Alt EPA ID:	HAH36039971
TSDF Alt Name:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930622
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930629
Manifest ID:	93171218
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	F003
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2293
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930201
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19930203
Manifest ID:	92042907
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980883177
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980883177
TSDF Alt Name:	Not reported
CA Waste Code:	222 - Oil/water separation sludge
RCRA Code:	D018
Disposal Method:	R01 - Recycler
Quantity Tons:	1.8556
Waste Quantity:	445
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAD983634494
Shipment Date:	20110718
Creation Date:	8/29/2011 18:30:11
Receipt Date:	20110718
Manifest ID:	008577549JJK
Trans EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008488025
Trans Name:	PHIBRO-TECH INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	14.595
Waste Quantity:	3500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110411
Creation Date:	12/13/2011 18:30:24
Receipt Date:	20111005
Manifest ID:	006441987JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.033
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Shipment Date:	20110411
Creation Date:	12/13/2011 18:30:24
Receipt Date:	20111005
Manifest ID:	006441987JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.033
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110411
Creation Date:	12/13/2011 18:30:24
Receipt Date:	20111005
Manifest ID:	006441987JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20110411
Creation Date:	12/13/2011 18:30:24
Receipt Date:	20111005
Manifest ID:	006441987JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD983634494
Shipment Date:	19941216
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941216
Manifest ID:	92843282
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD097030993
TSDF Alt Name:	Not reported
CA Waste Code:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19941216
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941216
Manifest ID:	92843282
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD097030993

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

TSDF Alt Name:	Not reported
CA Waste Code:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Disposal Method:	T01 - Treatment, Tank
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAD983634494
Shipment Date:	20121010
Creation Date:	1/5/2013 22:15:31
Receipt Date:	20121017
Manifest ID:	010421352JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRIES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.68805
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121010
Creation Date:	1/5/2013 22:15:31
Receipt Date:	20121017
Manifest ID:	010421352JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRIES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120813
Creation Date:	10/10/2012 22:15:20
Receipt Date:	20120816
Manifest ID:	010163398JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	SIEMENS INDUSTRY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.35
Waste Quantity:	700
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAD983634494
Shipment Date:	20051010
Creation Date:	3/12/2006 18:31:42
Receipt Date:	20051013
Manifest ID:	24801829
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20051010
Creation Date:	3/12/2006 18:31:42
Receipt Date:	20051013
Manifest ID:	24801829
Trans EPA ID:	CA0000970392
Trans Name:	ENVIRONMENTAL RECOVERY SERVICES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	D80 - Disposal, Land Fill
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD983634494
Shipment Date:	20040707
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040707
Manifest ID:	23644237
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D006
Disposal Method:	R01 - Recycler
Quantity Tons:	14.595
Waste Quantity:	3500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040304
Creation Date:	10/1/2004 18:31:09
Receipt Date:	20040311
Manifest ID:	23543896
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.7089
Waste Quantity:	170
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAD983634494
Shipment Date:	20170928
Creation Date:	7/17/2018 18:30:34
Receipt Date:	20171004
Manifest ID:	017726650JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Additional Info:

Year:	2002
Gen EPA ID:	CAD983634494
Shipment Date:	20020816
Creation Date:	1/27/2003 18:32:25
Receipt Date:	20020823
Manifest ID:	21947456
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020723
Creation Date:	3/14/2003 18:31:30
Receipt Date:	20020802
Manifest ID:	21940752
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020723
Creation Date:	3/17/2003 18:31:23
Receipt Date:	20020802
Manifest ID:	21940753
Trans EPA ID:	CAD983609678

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020722
Creation Date:	3/13/2003 18:31:17
Receipt Date:	20020725
Manifest ID:	21940699
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20020328
Creation Date:	7/9/2002 18:31:13
Receipt Date:	20020405
Manifest ID:	21624776
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Disposal Method:	R01 - Recycler
Quantity Tons:	3.8115
Waste Quantity:	1155
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAD983634494
Shipment Date:	19970630
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970702
Manifest ID:	96707807
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.2919
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970131
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970207
Manifest ID:	96421983
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAD983634494
Shipment Date:	20140902
Creation Date:	10/26/2014 22:15:13
Receipt Date:	20140905
Manifest ID:	013152921JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD097030993
Trans Name:	EVOQUA WATER TECHNOLOGIES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD983634494
Shipment Date:	19960717
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960718
Manifest ID:	96090954
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960717
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960718
Manifest ID:	96090954
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960717
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960718
Manifest ID:	96090954
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.396
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960515
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960515

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

Manifest ID:	96148569
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD982444481
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H01 - Transfer Station
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960205
Creation Date:	10/10/1996 0:00:00
Receipt Date:	19960209
Manifest ID:	95708960
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD983634494

Shipment Date:	19950213
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950214
Manifest ID:	92843225
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

TSDF EPA ID: CAT000646117
Trans Name: Not reported
TSDF Alt EPA ID: CAT000646117
TSDF Alt Name: Not reported
CA Waste Code: 751 - Solids or sludge with halogenated organic comp. > 1000 mg/kg
RCRA Code: Not reported
Disposal Method: D80 - Disposal, Land Fill
Quantity Tons: 0.0025
Waste Quantity: 5
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

HWTS:
Name: UNITED WATER CONSERVATION DIST
Address: 3561 N ROSE AVE
Address 2: Not reported
City,State,Zip: OXNARD, CA 900000000
EPA ID: CAL000056094
Inactive Date: 06/30/1993
Create Date: 07/19/1994
Last Act Date: 06/28/2001
Mailing Name: Not reported
Mailing Address: 3561 N ROSE AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: OXNARD, CA 900000000
Owner Name: --
Owner Address: --
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: INACTIVE DUP NUM IN BLK LOGBK
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 --

Name: UNITED WATER CONSERVATION DIST 3561
Address: 3561 N ROSE AVE
Address 2: Not reported
City,State,Zip: OXNARD, CA 930610000
EPA ID: CAD983634494
Inactive Date: Not reported
Create Date: 04/28/1992
Last Act Date: 09/10/2019
Mailing Name: Not reported
Mailing Address: 106 N 8TH ST
Mailing Address 2: Not reported
Mailing City,State,Zip: SANTA PAULA, CA 930602710
Owner Name: MICHAEL ELLIS
Owner Address: 106 N 8TH STREET
Owner Address 2: Not reported
Owner City,State,Zip: SANTA PAULA, CA 930602710
Contact Name: BRIAN COLLINS
Contact Address: 106 N 8TH STREET
Contact Address 2: Not reported

UNITED WATER CONSERVATION DISTRICT (Continued) **1000686213**

City,State,Zip: SANTA PAULA, CA 93060

NAICS:

EPA ID:	CAD983634494
Create Date:	2002-03-14 16:36:27
NAICS Code:	22131
NAICS Description:	Water Supply and Irrigation Systems
Issued EPA ID Date:	1992-04-28 00:00:00
Inactive Date:	Not reported
Facility Name:	UNITED WATER CONSERVATION DIST 3561
Facility Address:	3561 N ROSE AVE
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	56
Facility State:	CA
Facility Zip:	930610000

B5 **UNITED WATER CONSERVATION DIS** **UST** **U003913147**
North **3561 ROSE AVE** **N/A**
1/8-1/4 **OXNARD, CA**
0.200 mi.
1058 ft. **Site 1 of 2 in cluster B**

Relative: **Higher**
Actual: **103 ft.**

VENTURA CO. UST:

Name:	UNITED WATER CONSERVATION DIS
Address:	3561 ROSE AVE
City:	OXNARD
Facility ID:	D 1476
Facility Status:	Inactive

B6 **UWCD EL RIO BOOSTER PUMPING STN** **LUST** **U001579732**
North **3561 ROSE AVE** **HIST UST** **N/A**
1/8-1/4 **EL RIO, CA 93030** **Cortese**
0.215 mi. **CERS**
1136 ft. **Site 2 of 2 in cluster B**

Relative: **Higher**
Actual: **103 ft.**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C03026	
Status:	Case Closed	
Substance:	Lead	
Substance Quantity:	Not reported	
Local Case No:	03026	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611171990	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	SIMON WAY	
Enforcement Type:	CLOS	
Date Leak Discovered:	3/13/2003	
Date Leak First Reported:		3/13/2003
Date Leak Record Entered:	Not reported	

UWCD EL RIO BOOSTER PUMPING STN (Continued) **U001579732**

Date Confirmation Began: 3/13/2003
Date Leak Stopped: 3/12/2003
Date Case Last Changed on Database: Not reported
Date the Case was Closed: 2/10/2004
How Leak Discovered: Tank Closure
How Leak Stopped: Close Tank
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): Not reported
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: 12
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: =
Organization: Not reported
Owner Contact: Not reported
Responsible Party: JIM M. KENTUSH
RP Address: 106 N. 8TH ST
Program: LUST
Lat/Long: 0 / 0
Local Agency Staff: EKO
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: TOTAL LEAD DETECDTED IN 1 SOIL SAMPLE (83.9 MG/KG). SAMPLE ADDITIONALLY ANALYZED FOR SOLUBLE LEAD USING WET PROCEDURE. SOLUBLE LEAD RESULT =2.81 MG/L. THEREFORE NO FURTHUR ACTION NECESSARY. DEPTH TO GROUNDWATER >60 FT. BGS.

VENTURA CO. LUST:
Name: UWCD EL RIO BOOSTER PUMPING STN
Address: 3561 ROSE AVE
City: EL RIO
Region: VENTURA
Facility ID: 03026
Status: Case Closed

HIST UST:
Name: EL RIO BOOSTER PUMPING PLANT
Address: 3561 N ROSE AVE
City,State,Zip: OXNARD, CA 93030
File Number: Not reported

UWCD EL RIO BOOSTER PUMPING STN (Continued) **U001579732**

URL:	Not reported
Region:	STATE
Facility ID:	00000024507
Facility Type:	Other
Other Type:	WATER DISTRICT
Contact Name:	TONY BLANKENSHIP
Telephone:	8055254431
Owner Name:	UNITED WATER CONSERVATION DIST
Owner Address:	333 W. HARVARD BLVD.
Owner City,St,Zip:	SANTA PAULA, CA 93060
Total Tanks:	0002
Tank Num:	001
Container Num:	1-ER
Year Installed:	Not reported
Tank Capacity:	00000580
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2-ER
Year Installed:	1984
Tank Capacity:	00000211
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	3
Leak Detection:	Visual

CORTESE:

Name:	UWCD EL RIO BOOSTER PUMPING STN
Address:	3561 ROSE AVE
City,State,Zip:	EL RIO, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611171990
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

UWCD EL RIO BOOSTER PUMPING STN (Continued) **U001579732**

CERS:
- Name: UWCD EL RIO BOOSTER PUMPING STN
- Address: 3561 ROSE AVE
- City,State,Zip: EL RIO, CA 93030
- Site ID: 217191
- CERS ID: T0611171990
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: ERIN K. O'CONNELL - VENTURA COUNTY
- Entity Title: Not reported
- Affiliation Address: 800 S. VICTORIA AVE
- Affiliation City: VENTURA
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: Not reported

- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: R4 UNKNOWN
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: 2135766714

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7 **UWCD EL RIO BOOSTER PUMPING STN** **LUST** **S101700667**
North **3561 ROSE AVE** **AST** **N/A**
1/4-1/2 **EL RIO, CA 93030** **VENTURA CO. BWT**
0.296 mi. **EMI**
1561 ft. **CERS**

Relative: Higher
Actual: 105 ft.

LUST:
- Name: UWCD EL RIO BOOSTER PUMPING STN
- Address: 3561 ROSE AVE
- City,State,Zip: EL RIO, CA 93030
- Lead Agency: VENTURA COUNTY
- Case Type: LUST Cleanup Site
- Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611171990
- Global Id: T0611171990
- Latitude: 34.238423
- Longitude: -119.152634
- Status: Completed - Case Closed
- Status Date: 02/10/2004
- Case Worker: EKO
- RB Case Number: C03026
- Local Agency: VENTURA COUNTY
- File Location: Local Agency
- Local Case Number: 03026
- Potential Media Affect: Soil
- Potential Contaminants of Concern: Lead
- Site History: Not reported

LUST:

UWCD EL RIO BOOSTER PUMPING STN (Continued) **S101700667**

Global Id: T0611171990
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0611171990
Contact Type: Local Agency Caseworker
Contact Name: ERIN K. O'CONNELL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE
City: VENTURA
Email: erin.oconnell@ventura.org
Phone Number: Not reported

LUST:
Global Id: T0611171990
Action Type: ENFORCEMENT
Date: 01/01/2016
Action: File review

Global Id: T0611171990
Action Type: RESPONSE
Date: 09/12/2003
Action: Other Workplan

Global Id: T0611171990
Action Type: RESPONSE
Date: 01/30/2004
Action: Other Report / Document

Global Id: T0611171990
Action Type: Other
Date: 03/13/2003
Action: Leak Discovery

Global Id: T0611171990
Action Type: ENFORCEMENT
Date: 08/12/2003
Action: Notice of Responsibility

Global Id: T0611171990
Action Type: Other
Date: 03/12/2003
Action: Leak Stopped

Global Id: T0611171990
Action Type: Other
Date: 03/13/2003
Action: Leak Reported

Global Id: T0611171990
Action Type: ENFORCEMENT
Date: 02/10/2004

UWCD EL RIO BOOSTER PUMPING STN (Continued) **S101700667**

Action: Closure/No Further Action Letter - #2

Global Id: T0611171990
Action Type: ENFORCEMENT
Date: 04/14/2003
Action: Technical Correspondence / Assistance / Other

Global Id: T0611171990
Action Type: ENFORCEMENT
Date: 11/11/2003
Action: * Historical Enforcement - #1

Global Id: T0611171990
Action Type: ENFORCEMENT
Date: 07/10/2003
Action: * Historical Enforcement

LUST:
Global Id: T0611171990
Status: Open - Case Begin Date
Status Date: 03/12/2003

Global Id: T0611171990
Status: Open - Site Assessment
Status Date: 03/13/2003

Global Id: T0611171990
Status: Completed - Case Closed
Status Date: 02/10/2004

AST:
Name: UNITED WATER CONSERVATION DIST
Address: 3561 ROSE AVE
City/Zip: OXNARD,
Certified Unified Program Agencies: Oxnard
Owner: UNITED WATER CONSERVATION DIST
Total Gallons: 5160
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: Not reported
Operator Phone: Not reported
Owner Phone: Not reported
Owner Mail Address: Not reported
Owner State: Not reported
Owner Zip Code: Not reported
Owner Country: Not reported
Property Owner Name: Not reported
Property Owner Phone: Not reported

UWCD EL RIO BOOSTER PUMPING STN (Continued) **S101700667**

Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

VENTURA CO. BWT:
Name: UNITED WATER CONSERVATION DIST
Address: 3561 ROSE AVE
City,State,Zip: OXNARD, CA
Facility ID: FA0006060
Program: HAZARDOUS WASTE GENERATOR/BUSINESS PLAN/ABOVEGROUND PETROLEUM TANKS

Name: UNITED WATER CONSERVATION DIST
Address: 3561 ROSE AVE
City,State,Zip: OXNARD, CA
Facility ID: HM 3260
Program: Not reported

EMI:
Name: EL RIO BOOSTER PLANT
Address: 3561 ROSE AV
City,State,Zip: OXNARD, CA 93030
Year: 1987
County Code: 56
Air Basin: SCC
Facility ID: 1389
Air District Name: VEN
SIC Code: 4941
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 644
NOX - Oxides of Nitrogen Tons/Yr: 3
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 1
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: EL RIO BOOSTER PLANT
Address: 3561 ROSE AV
City,State,Zip: OXNARD, CA 93030
Year: 1990
County Code: 56
Air Basin: SCC
Facility ID: 1389
Air District Name: VEN
SIC Code: 4941
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 6
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 270

UWCD EL RIO BOOSTER PUMPING STN (Continued) **S101700667**

NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: EL RIO BOOSTER PLANT
Address: 3561 ROSE AV
City,State,Zip: OXNARD, CA 93030
Year: 1993
County Code: 56
Air Basin: SCC
Facility ID: 1389
Air District Name: VEN
SIC Code: 4941
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 5
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 221
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: EL RIO BOOSTER PLANT
Address: 3561 ROSE AV
City,State,Zip: OXNARD, CA 93030
Year: 1995
County Code: 56
Air Basin: SCC
Facility ID: 1389
Air District Name: VEN
SIC Code: 4941
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 4
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 166
NOX - Oxides of Nitrogen Tons/Yr: 1
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: UWCD/EL RIO BOOSTER PLANT
Address: 3561 ROSE AVENUE
City,State,Zip: OXNARD, CA 93030
Year: 1996
County Code: 56
Air Basin: SCC
Facility ID: 1389
Air District Name: VEN
SIC Code: 4941
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported

UWCD EL RIO BOOSTER PUMPING STN (Continued) **S101700667**

Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 123
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: UWCD/EL RIO BOOSTER PLANT
Address: 3561 ROSE AVENUE
City,State,Zip: OXNARD, CA 93030
Year: 1997
County Code: 56
Air Basin: SCC
Facility ID: 1389
Air District Name: VEN
SIC Code: 4941
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 123
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

Name: UWCD/EL RIO BOOSTER PLANT
Address: 3561 ROSE AVENUE
City,State,Zip: OXNARD, CA 93030
Year: 1998
County Code: 56
Air Basin: SCC
Facility ID: 1389
Air District Name: VEN
SIC Code: 4941
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 3
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 123
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

CERS:
Name: UWCD/EL RIO BOOSTER PLANT
Address: 3561 ROSE AVENUE
City,State,Zip: OXNARD, CA 00000
Site ID: 516669
CERS ID: 110070062834
CERS Description: US EPA Air Emission Inventory System (EIS)

8
South
1/4-1/2
0.302 mi.
1596 ft.

LEXUS OF OXNARD
1621 AUTO CENTER DR.
OXNARD, CA 93030

LUST
Cortese
CERS

S105181175
N/A

Relative:
Lower

Actual:
89 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	930300925	
Status:	Not reported	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Undefined	
Abatement Method Used at the Site:		Not reported
Global ID:	T061110805	
W Global ID:	Not reported	
Staff:	Not reported	
Local Agency:	Not reported	
Cross Street:	ROSE AVE	
Enforcement Type:	Not reported	
Date Leak Discovered:	10/18/2001	
Date Leak First Reported:		12/12/2001
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		12/12/2001
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	RON HOLMES	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1126.045512566184209687225456 7
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RON HOLMES	
RP Address:	505 PARK AVE. #900	
Program:	LUST	
Lat/Long:	34.228343 / -1	
Local Agency Staff:	Not reported	

LEXUS OF OXNARD (Continued) **S105181175**

Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Haz Mat incident report filed	
Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C01031	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	01031	
Case Type:	Undefined	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611125329	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	ROSE AVE.	
Enforcement Type:	CLOS	
Date Leak Discovered:	10/18/2001	
Date Leak First Reported:		12/12/2001
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	10/18/2001	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		4/23/2002
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Close Tank	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1126.045512566184209687225456 7
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RON HOLMES	
RP Address:	505 PARK AVE. #900	
Program:	LUST	

LEXUS OF OXNARD (Continued) **S105181175**

Lat/Long: 34.228343 / -1
Local Agency Staff: EHD
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:
Name: LEXUS OF OXNARD
Address: 1621 AUTO CENTER DR.
City: OXNARD
Region: VENTURA
Facility ID: 01031
Status: Case Closed

LUST:
Name: LEXUS OF OXNARD
Address: 1621 AUTO CENTER DR
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T061110805
Global Id: T061110805
Latitude: 34.2281158
Longitude: -119.1579663
Status: Completed - Case Closed
Status Date: 10/26/2007
Case Worker: EKO
RB Case Number: 930300925
Local Agency: VENTURA COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T061110805
Contact Type: Local Agency Caseworker
Contact Name: ERIN K. O'CONNELL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE
City: VENTURA
Email: erin.oconnell@ventura.org
Phone Number: Not reported

Global Id: T061110805
Contact Type: Regional Board Caseworker
Contact Name: UNKNOWN
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W 4TH STREET
City: LOS ANGELES
Email: Not reported
Phone Number: Not reported

LEXUS OF OXNARD (Continued) **S105181175**

LUST:
Global Id: T061110805
Action Type: Other
Date: 10/18/2001
Action: Leak Discovery

Global Id: T061110805
Action Type: Other
Date: 12/12/2001
Action: Leak Reported

LUST:
Global Id: T061110805
Status: Open - Case Begin Date
Status Date: 10/18/2001

Global Id: T061110805
Status: Completed - Case Closed
Status Date: 10/26/2007

Name: LEXUS OF OXNARD
Address: 1621 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611125329
Global Id: T0611125329
Latitude: 34.2281158
Longitude: -119.1579663
Status: Completed - Case Closed
Status Date: 04/23/2002
Case Worker: Not reported
RB Case Number: C01031
Local Agency: OXNARD, CITY OF
File Location: Not reported
Local Case Number: 01031
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0611125329
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611125329
Action Type: Other
Date: 10/18/2001
Action: Leak Discovery

LEXUS OF OXNARD (Continued) **S105181175**

Global Id: T0611125329
Action Type: REMEDIATION
Date: 10/18/2001
Action: Excavation

Global Id: T0611125329
Action Type: Other
Date: 10/18/2001
Action: Leak Stopped

Global Id: T0611125329
Action Type: Other
Date: 12/12/2001
Action: Leak Reported

Global Id: T0611125329
Action Type: ENFORCEMENT
Date: 04/23/2002
Action: Closure/No Further Action Letter

Global Id: T0611125329
Action Type: ENFORCEMENT
Date: 01/01/2016
Action: File review

LUST:
Global Id: T0611125329
Status: Open - Case Begin Date
Status Date: 10/18/2001

Global Id: T0611125329
Status: Completed - Case Closed
Status Date: 04/23/2002

CORTESE:
Name: LEXUS OF OXNARD
Address: 1621 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611125329
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported

LEXUS OF OXNARD (Continued) **S105181175**

WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open
Name:	LEXUS OF OXNARD
Address:	1621 AUTO CENTER DR
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T061110805
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	LEXUS OF OXNARD
Address:	1621 AUTO CENTER DR
City,State,Zip:	OXNARD, CA 93030
Site ID:	229221
CERS ID:	T061110805
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ERIN K. O'CONNELL - VENTURA COUNTY
Entity Title:	Not reported
Affiliation Address:	800 S. VICTORIA AVE
Affiliation City:	VENTURA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	UNKNOWN - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 W 4TH STREET
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

LEXUS OF OXNARD (Continued) **S105181175**

Affiliation Phone: Not reported

Name: LEXUS OF OXNARD
Address: 1621 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93030
Site ID: 202612
CERS ID: T0611125329
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

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9 **FEDERAL EXPRESS** **LUST** **S106103393**
SE **3150 PASEO MERCADO** **Cortese** **N/A**
1/4-1/2 **OXNARD, CA 93030** **NPDES**
0.395 mi. **WDS**
2084 ft. **CIWQS**
CERS

Relative:
Lower

Actual:
84 ft.

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C04008	
Status:	Leak being confirmed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	04008	
Case Type:	Undefined	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611161955	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	AUTO CENTER DR	
Enforcement Type:	LFOR	
Date Leak Discovered:	2/8/2004	
Date Leak First Reported:		2/16/2004
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	2/16/2004	
Date Leak Stopped:	2/8/2004	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Close Tank	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	

FEDERAL EXPRESS (Continued) **S106103393**

Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	Not reported
Source of Cleanup Funding:	UNK
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	Not reported
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	ALAN JOHNSON
RP Address:	8950 CAL CENTER DRIVE, SUITE 370
Program:	LUST
Lat/Long:	0 / 0
Local Agency Staff:	DBW
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

VENTURA CO. LUST:

Name:	FEDERAL EXPRESS
Address:	3150 PASEO MERCADO
City:	OXNARD
Region:	VENTURA
Facility ID:	04008
Status:	Pollution Characterization

LUST:

Name:	FEDERAL EXPRESS
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93030
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611161955
Global Id:	T0611161955
Latitude:	34.228504319
Longitude:	-119.145837568
Status:	Completed - Case Closed
Status Date:	03/09/2012
Case Worker:	Not reported
RB Case Number:	04008
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	04008

FEDERAL EXPRESS (Continued) **S106103393**

Potential Media Affect: Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern: Diesel
Site History: f

LUST:
Global Id: T0611161955
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 10/24/2007
Action: Technical Correspondence / Assistance / Other - #14

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 08/31/2005
Action: * Historical Enforcement - #7

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 01/29/2007
Action: Technical Correspondence / Assistance / Other - #11

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 11/21/2005
Action: * Historical Enforcement - #8

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 04/22/2011
Action: Staff Letter - #ClR

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 06/06/2011
Action: Staff Letter - #P&A

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 06/28/2010
Action: File review

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 01/01/2008
Action: File review

Global Id: T0611161955
Action Type: RESPONSE

FEDERAL EXPRESS (Continued) **S106103393**

Date: 10/29/2004
Action: Soil and Water Investigation Report

Global Id: T0611161955
Action Type: RESPONSE
Date: 12/13/2010
Action: Other Report / Document

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 09/26/2006
Action: Technical Correspondence / Assistance / Other - #10

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 10/03/2007
Action: Technical Correspondence / Assistance / Other - #13

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 08/09/2007
Action: Technical Correspondence / Assistance / Other - #12

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 02/27/2008
Action: Technical Correspondence / Assistance / Other - #15

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 05/10/2011
Action: LOP Case Closure Summary to RB - #ClRLAR

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 10/04/2010
Action: File review

Global Id: T0611161955
Action Type: RESPONSE
Date: 08/16/2004
Action: Preliminary Site Assessment Workplan

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 03/12/2012
Action: Closure/No Further Action Letter

Global Id: T0611161955
Action Type: Other
Date: 02/08/2004
Action: Leak Discovery

Global Id: T0611161955
Action Type: RESPONSE
Date: 10/31/2005
Action: Other Workplan

FEDERAL EXPRESS (Continued) **S106103393**

Global Id: T0611161955
Action Type: RESPONSE
Date: 10/15/2004
Action: Other Report / Document

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0611161955
Action Type: RESPONSE
Date: 06/15/2005
Action: Soil and Water Investigation Report

Global Id: T0611161955
Action Type: RESPONSE
Date: 09/15/2011
Action: Well Destruction Report

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 07/31/2008
Action: Staff Letter - #16

Global Id: T0611161955
Action Type: Other
Date: 02/08/2004
Action: Leak Stopped

Global Id: T0611161955
Action Type: RESPONSE
Date: 09/21/2007
Action: Other Workplan

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 11/18/2008
Action: Staff Letter - #17

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/28/2006
Action: Soil and Water Investigation Report

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/22/2010
Action: Correspondence

Global Id: T0611161955
Action Type: RESPONSE

FEDERAL EXPRESS (Continued) **S106103393**

Date: 04/08/2010
Action: Correspondence

Global Id: T0611161955
Action Type: RESPONSE
Date: 01/11/2010
Action: Correspondence

Global Id: T0611161955
Action Type: Other
Date: 02/16/2004
Action: Leak Reported

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 02/14/2006
Action: * Historical Enforcement - #9

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 06/11/2009
Action: Staff Letter - #18

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: Staff Letter - #19

Global Id: T0611161955
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0611161955
Action Type: RESPONSE
Date: 01/30/2008
Action: Well Installation Report

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 01/22/2010
Action: Staff Letter - #L02

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 10/01/2009
Action: Staff Letter

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 11/18/2009
Action: Staff Letter - #L01

FEDERAL EXPRESS (Continued) **S106103393**

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 04/19/2010
Action: Staff Letter - #L03

Global Id: T0611161955
Action Type: RESPONSE
Date: 01/31/2010
Action: Well Installation Report

Global Id: T0611161955
Action Type: RESPONSE
Date: 11/16/2009
Action: Well Installation Report

Global Id: T0611161955
Action Type: RESPONSE
Date: 02/01/2005
Action: Soil and Water Investigation Workplan

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 08/19/2004
Action: * Historical Enforcement

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 08/30/2004
Action: Notice to Comply

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 02/11/2005
Action: * No Action

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 04/27/2010
Action: Staff Letter - #L04

Global Id: T0611161955
Action Type: RESPONSE
Date: 01/29/2010
Action: Other Report / Document

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0611161955
Action Type: RESPONSE
Date: 07/17/2009
Action: Soil and Water Investigation Workplan

Global Id: T0611161955
Action Type: ENFORCEMENT

FEDERAL EXPRESS (Continued) **S106103393**

Date: 07/01/2004
Action: * Historical Enforcement

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 01/31/2005
Action: * Historical Enforcement

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 11/03/2004
Action: * Historical Enforcement

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 09/29/2010
Action: Staff Letter - #ClzRqmnt

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 09/13/2010
Action: File review

LUST:
Global Id: T0611161955
Status: Open - Case Begin Date
Status Date: 02/08/2004

Global Id: T0611161955
Status: Open - Site Assessment
Status Date: 02/16/2004

Global Id: T0611161955
Status: Open - Site Assessment
Status Date: 07/28/2004

Global Id: T0611161955
Status: Open - Site Assessment
Status Date: 10/01/2004

Global Id: T0611161955
Status: Open - Site Assessment
Status Date: 01/24/2005

Global Id: T0611161955
Status: Open - Site Assessment
Status Date: 10/24/2007

Global Id: T0611161955
Status: Open - Verification Monitoring
Status Date: 10/24/2007

Global Id: T0611161955
Status: Completed - Case Closed
Status Date: 03/09/2012

FEDERAL EXPRESS (Continued) **S106103393**

CORTESE:

Name:	FEDERAL EXPRESS
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611161955
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

NPDES:

Name:	FEDEX OXRA
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93036
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	192623
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 56I005996
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/17/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	3620 Hacks Cross Rd Bldg B
Discharge Name:	Fed Ex
Discharge City:	Memphis
Discharge State:	Tennessee
Discharge Zip:	38125
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	192623
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 56I005996
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/17/1992
Status:	Active
Status Date:	04/17/1992
Place Size:	2.25
Place Size Unit:	Acres
Contact:	Larry Wingo
Contact Title:	Senior Environmental Specialist
Contact Phone:	817-606-4516
Contact Phone Ext:	Not reported
Contact Email:	lwwingo@fedex.com
Operator Name:	Fed Ex
Operator Address:	3541 Regional Pkwy
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95403
Operator Contact:	Larry Wingo
Operator Contact Title:	Senior Environmental Specialist
Operator Contact Phone:	817-606-4516
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	lwwingo@fedex.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Tennessee
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Revolon Slough
Certifier:	Bill Gebhart
Certifier Title:	Manager, EOS
Certification Date:	18-JUL-17
Primary Sic:	4215-Courier Services Except by Air
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	192623
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 56I005996
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/17/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Fed Ex
Discharge Address:	3541 Regional Pkwy
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95403
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	FEDEX OXRA
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93036
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 56I005996
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	04/17/1992
Operator Name:	Fed Ex
Operator Address:	3620 Hacks Cross Rd Bldg B
Operator City:	Memphis
Operator State:	Tennessee
Operator Zip:	38125

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	192623
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 56I005996
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/17/1992
Status:	Active
Status Date:	04/17/1992
Place Size:	2.25
Place Size Unit:	Acres
Contact:	Larry Wingo
Contact Title:	Senior Environmental Specialist
Contact Phone:	817-606-4516
Contact Phone Ext:	Not reported
Contact Email:	lwwingo@fedex.com
Operator Name:	Fed Ex
Operator Address:	3541 Regional Pkwy
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95403
Operator Contact:	Larry Wingo
Operator Contact Title:	Senior Environmental Specialist
Operator Contact Phone:	817-606-4516
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	lwwingo@fedex.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

Developer State:	Tennessee
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Revolon Slough
Certifier:	Bill Gebhart
Certifier Title:	Manager, EOS
Certification Date:	18-JUL-17
Primary Sic:	4215-Courier Services Except by Air
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	192623
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 56I005996
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/17/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Fed Ex
Discharge Address:	3541 Regional Pkwy
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95403
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	FEDERAL EXPRESS
Address:	3150 Paseo Mercado
City:	OXNARD
Facility ID:	4 56I005996

FEDERAL EXPRESS (Continued) **S106103393**

Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	8059880893
Facility Contact:	SENIOR MANAGER
Agency Name:	FEDERAL EXPRESS
Agency Address:	3150 Paseo Mercado
Agency City,St,Zip:	Oxnard 930368918
Agency Contact:	SR MGR
Agency Telephone:	8059880893
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	FEDEX OXRA
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93036
Agency:	Fed Ex
Agency Address:	3620 Hacks Cross Rd Bldg B, Memphis, TN 38125
Place/Project Type:	Industrial - Courier Services Except by Air
SIC/NAICS:	4215
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial

FEDERAL EXPRESS (Continued) **S106103393**

Order Number:	2014-0057-DWQ
WDID:	4 56I005996
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	04/17/1992
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	2
Violations within 5 years:	1
Latitude:	34.22885
Longitude:	-119.1468

CERS:

Name:	FEDEX OXRA
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93036
Site ID:	531898
CERS ID:	224279
CERS Description:	Industrial Facility Storm Water

Violations:

Site ID:	531898
Site Name:	FedEx OXRA
Violation Date:	07-01-2010
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	Failure to submit missing 2009-10 annual report
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Site ID:	531898
Site Name:	FedEx OXRA
Violation Date:	07-01-2013
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	failure to submit 2012-13 annual report
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Site ID:	531898
Site Name:	FedEx OXRA
Violation Date:	03-23-2016
Citation:	2014-0057-DWQ - Industrial General Permit
Violation Description:	SW - Late Report
Violation Notes:	failure to submit missing 2014-15 annual report
Violation Division:	Water Boards
Violation Program:	INDSTW
Violation Source:	SMARTS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection

FEDERAL EXPRESS (Continued) **S106103393**

Eval Date:	01-23-2004
Violations Found:	No
Eval Type:	Industrial Storm Water Compliance Evaluation
Eval Notes:	They were in compliance during the inspection. They just do loading and unloading mails at the facility.
Eval Division:	Water Boards
Eval Program:	INDSTW
Eval Source:	SMARTS

Enforcement Action:

Site ID:	531898
Site Name:	FedEx OXRA
Site Address:	3150 PASEO MERCADO
Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	03-23-2016
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	NNC for failure to submit 2009-10, 2012-12, 2014-15
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Site ID:	531898
Site Name:	FedEx OXRA
Site Address:	3150 PASEO MERCADO
Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	04-25-2016
Enf Action Type:	Notice of Violation
Enf Action Description:	Notice of Violation
Enf Action Notes:	NOV for failure to submit 2009-2010, 2012-2013, 2013-2014 annual reports
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Fed Ex
Entity Title:	Operator
Affiliation Address:	3541 Regional Pkwy
Affiliation City:	Santa Rosa
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95403
Affiliation Phone:	Not reported

Name:	FEDERAL EXPRESS
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93030
Site ID:	229016
CERS ID:	T0611161955
CERS Description:	Leaking Underground Storage Tank Cleanup Site

FEDERAL EXPRESS (Continued) **S106103393**

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

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10 NORTHFIELD BUSINESS PARK **CPS-SLIC S100218566**
SSW ROSE AVE **CHMIRS N/A**
1/4-1/2 OXNARD, CA 93030 **CERS**
0.411 mi.
2171 ft.

Relative: Lower
Actual: 91 ft.

CPS-SLIC:
Name: NORTHFIELD BUSINESS PARK
Address: ROSE AVE
City,State,Zip: OXNARD, CA 93030
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 06/16/1965
Global Id: SLT4304745
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.1992183974879
Longitude: -119.149355849151
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 0082
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CHMIRS:
Name: Not reported
Address: ROSE AVE 1/4 MILE NORTH OF CENTRAL
City,State,Zip: OXNARD, CA 93030
OES Incident Number: 910441
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Date Completed: **05-JUN-89**
Property Use: 962
Agency Id Number: 56712
Agency Incident Number: 89036
Time Notified: 2000
Time Completed: 2230
Surrounding Area: 650
Estimated Temperature: 60

NORTHFIELD BUSINESS PARK (Continued) **S100218566**

Property Management:	K
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	GREGORY SMITH
Report Date:	05-JUN-89
Facility Telephone:	805 654-2813
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	02-JUN-89
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	11-MAY-90
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Not reported

CERS:

Name:	NORTHFIELD BUSINESS PARK
Address:	ROSE AVE

NORTHFIELD BUSINESS PARK (Continued) **S100218566**

City,State,Zip: OXNARD, CA 93030
Site ID: 213526
CERS ID: SLT4304745
CERS Description: Cleanup Program Site

C11 **GTE-EL RIO C.O.** **LUST** **S102859921**
SSW **1505 VENTURA BL** **Cortese** **N/A**
1/4-1/2 **OXNARD, CA 91708** **HIST CORTESE**
0.433 mi. **CERS**
2284 ft. **Site 1 of 4 in cluster C**

Relative: **Lower**

Actual: **90 ft.**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-96007	
Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	96007	
Case Type:	Soil	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0611101082	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	EF	
Date Leak Discovered:	3/13/1996	
Date Leak First Reported:		3/13/1996
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	3/13/1996	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		10/10/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		636.178097719384016471696408 52
Source of Cleanup Funding:		F
Preliminary Site Assessment Workplan Submitted:		3/13/1996
Preliminary Site Assessment Began:		10/9/1996
Pollution Characterization Began:		3/13/1996
Remediation Plan Submitted:		10/9/1996
Remedial Action Underway:		1/24/1996
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		4/16/1996
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	

GTE-EL RIO C.O. (Continued) **S102859921**

Owner Contact: Not reported
Responsible Party: GTE CALIFORNIA INC
RP Address: Not reported
Program: LUST
Lat/Long: 34.2257595 / -1
Local Agency Staff: EHD
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:
Name: GTE EL RIO C.O.
Address: 1505 VENTURA BL
City: OXNARD
Region: VENTURA
Facility ID: 96007
Status: Case Closed

LUST:
Name: GTE EL RIO CENTRAL OFFICE
Address: 1505 VENTURA BLVD
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100374
Global Id: T0611100374
Latitude: 34.227988
Longitude: -119.156297
Status: Completed - Case Closed
Status Date: 02/07/1991
Case Worker: Not reported
RB Case Number: C-88138
Local Agency: Not reported
File Location: Not reported
Local Case Number: 88138
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0611100374
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611100374
Action Type: Other
Date: 09/29/1987

GTE-EL RIO C.O. (Continued) **S102859921**

Action: Leak Discovery

Global Id: T0611100374
Action Type: Other
Date: 09/29/1987
Action: Leak Reported

Global Id: T0611100374
Action Type: ENFORCEMENT
Date: 09/29/1987
Action: * Historical Enforcement

LUST:
Global Id: T0611100374
Status: Open - Case Begin Date
Status Date: 09/29/1987

Global Id: T0611100374
Status: Open - Site Assessment
Status Date: 09/29/1987

Global Id: T0611100374
Status: Open - Site Assessment
Status Date: 07/01/1988

Global Id: T0611100374
Status: Open - Site Assessment
Status Date: 12/27/1989

Global Id: T0611100374
Status: Open - Verification Monitoring
Status Date: 12/31/1990

Global Id: T0611100374
Status: Completed - Case Closed
Status Date: 02/07/1991

Name: GTE EL RIO C.O.
Address: 1505 VENTURA BL
City,State,Zip: OXNARD, CA 91708
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611101082
Global Id: T0611101082
Latitude: 34.2257595
Longitude: -119.1590481
Status: Completed - Case Closed
Status Date: 10/10/1996
Case Worker: Not reported
RB Case Number: C-96007
Local Agency: Not reported
File Location: Not reported
Local Case Number: 96007
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

GTE-EL RIO C.O. (Continued) **S102859921**

LUST:
Global Id: T0611101082
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611101082
Action Type: Other
Date: 03/13/1996
Action: Leak Discovery

Global Id: T0611101082
Action Type: Other
Date: 03/13/1996
Action: Leak Reported

Global Id: T0611101082
Action Type: ENFORCEMENT
Date: 04/16/1996
Action: * Historical Enforcement

LUST:
Global Id: T0611101082
Status: Open - Case Begin Date
Status Date: 01/24/1996

Global Id: T0611101082
Status: Open - Remediation
Status Date: 01/24/1996

Global Id: T0611101082
Status: Open - Site Assessment
Status Date: 03/13/1996

Global Id: T0611101082
Status: Open - Remediation
Status Date: 10/09/1996

Global Id: T0611101082
Status: Open - Site Assessment
Status Date: 10/09/1996

Global Id: T0611101082
Status: Completed - Case Closed
Status Date: 10/10/1996

CORTESE:
Name: GTE EL RIO C.O.
Address: 1505 VENTURA BL

GTE-EL RIO C.O. (Continued) **S102859921**

City,State,Zip:	OXNARD, CA 91708
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611101082
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

Name:	GTE EL RIO CENTRAL OFFICE
Address:	1505 VENTURA BLVD
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611100374
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	GTE-EL RIO CENTRAL OFFICE
edr_fadd1:	1505 VENTURA
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	C-88138

GTE-EL RIO C.O. (Continued) **S102859921**

edr_fname: GTE-EL RIO C.O.
edr_fadd1: 1505 VENTURA
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-96007

CERS:
Name: GTE EL RIO C.O.
Address: 1505 VENTURA BL
City,State,Zip: OXNARD, CA 91708
Site ID: 229722
CERS ID: T0611101082
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

C12 **GTE-EL RIO CENTRAL OFFICE** **LUST S102859923**
SSW **1505 VENTURA BLVD** **CERS N/A**
1/4-1/2 **OXNARD, CA 93030**
0.433 mi.
2284 ft. **Site 2 of 4 in cluster C**

Relative:
Lower

Actual:
90 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-88138
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: 88138
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0611100374
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: EF
Date Leak Discovered: 9/29/1987
Date Leak First Reported: 9/29/1987
Date Leak Record Entered: Not reported
Date Confirmation Began: 7/1/1988
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: 2/7/1991

GTE-EL RIO CENTRAL OFFICE (Continued) **S102859923**

How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 947.866110695822760092929 6739
Source of Cleanup Funding: S
Preliminary Site Assessment Workplan Submitted: 9/29/1987
Preliminary Site Assessment Began: 12/27/1989
Pollution Characterization Began: 12/27/1989
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: 12/31/1990
Enforcement Action Date: 9/29/1987
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: GENERAL TELEPHONE CO
RP Address: Not reported
Program: LUST
Lat/Long: 34.2280035 / -1
Local Agency Staff: EHD
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:
Name: GTE EL RIO CENTRAL OFFICE
Address: 1505 VENTURA BLVD
City: OXNARD
Region: VENTURA
Facility ID: 88138
Status: Case Closed

CERS:
Name: GTE EL RIO CENTRAL OFFICE
Address: 1505 VENTURA BLVD
City,State,Zip: OXNARD, CA 93030
Site ID: 227840
CERS ID: T0611100374
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported

GTE-EL RIO CENTRAL OFFICE (Continued) **S102859923**

Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714

C13 **DCH HONDA OF OXNARD** **RCRA-LQG 1000126965**
SSW **1500 E VENTURA BLVD** **LUST CAD982403131**
1/4-1/2 **OXNARD, CA 93030** **CERS**
0.453 mi.
2391 ft. **Site 3 of 4 in cluster C**

Relative:
Lower

Actual:
91 ft.

RCRA-LQG:

Date form received by agency:	2019-07-01 00:00:00.0
Facility name:	DCH HONDA OF OXNARD
Facility address:	1500 E VENTURA BLVD OXNARD, CA 93030
EPA ID:	CAD982403131
Mailing address:	E VENTURA BLVD OXNARD, CA 93030
Contact:	BRIAN M LEWEY
Contact address:	E VENTURA BLVD OXNARD, CA 93030
Contact country:	US
Contact telephone:	805-973-1000
Telephone ext.:	1501
Contact email:	BLEWEY@DCHUSA.COM
EPA Region:	09
Classification:	Large Quantity Generator
Description:	Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name:	DCH(OXNARD)INC
Owner/operator address:	E VENTURA BLVD OXNARD, CA 93030
Owner/operator country:	US
Owner/operator telephone:	Not reported
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	2014-10-01 00:00:00.
Owner/Op end date:	Not reported

DCH HONDA OF OXNARD (Continued) **1000126965**

Owner/operator name: DCH(OXNARD)INC
Owner/operator address: E VENTURA BLVD
OXNARD, CA 93030
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 2014-10-01 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 1989-08-23 00:00:00.0
Site name: DCH OXNARD INC
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 213
. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 222
. Waste name: Oil/water separation sludge

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: D001

DCH HONDA OF OXNARD (Continued) **1000126965**

. Waste name: IGNITABLE WASTE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

LUST:
Name: HONDA OF OXNARD
Address: 1500 VENTURA BLVD.
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611170364
Global Id: T0611170364
Latitude: 34.228084
Longitude: -119.156427
Status: Completed - Case Closed
Status Date: 10/02/2003
Case Worker: DBW
RB Case Number: C02012
Local Agency: VENTURA COUNTY
File Location: Not reported
Local Case Number: 02012
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0611170364
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0611170364
Contact Type: Local Agency Caseworker
Contact Name: DIANE B. WAHL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE.
City: VENTURA
Email: diane.wahl@ventura.org
Phone Number: 8056545040

LUST:
Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 01/01/2016

DCH HONDA OF OXNARD (Continued) **1000126965**

Action: File review

Global Id: T0611170364
Action Type: RESPONSE
Date: 06/01/2003
Action: Soil and Water Investigation Report

Global Id: T0611170364
Action Type: Other
Date: 07/24/2002
Action: Leak Discovery

Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 05/14/2003
Action: * Historical Enforcement

Global Id: T0611170364
Action Type: Other
Date: 07/24/2002
Action: Leak Stopped

Global Id: T0611170364
Action Type: Other
Date: 07/24/2002
Action: Leak Reported

Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 10/02/2003
Action: Closure/No Further Action Letter

Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 01/01/2003
Action: * Historical Enforcement

Global Id: T0611170364
Action Type: RESPONSE
Date: 08/22/2003
Action: Other Report / Document

Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 07/30/2003
Action: File review

Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 07/29/2003
Action: File review

LUST:
Global Id: T0611170364
Status: Open - Case Begin Date
Status Date: 07/24/2002

DCH HONDA OF OXNARD (Continued) **1000126965**

Global Id: T0611170364
Status: Completed - Case Closed
Status Date: 10/02/2003

CERS:
Name: HONDA OF OXNARD
Address: 1500 VENTURA BLVD.
City,State,Zip: OXNARD, CA 93030
Site ID: 222155
CERS ID: T0611170364
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: DIANE B. WAHL - VENTURA COUNTY
Entity Title: Not reported
Affiliation Address: 800 S. VICTORIA AVE.
Affiliation City: VENTURA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8056545040

Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

C14 **HONDA OF OXNARD** **LUST** **U003783512**
SSW **1500 VENTURA BLVD.** **Cortese** **N/A**
1/4-1/2 **OXNARD, CA 93030**
0.453 mi.
2391 ft. **Site 4 of 4 in cluster C**

Relative:
Lower

Actual:
91 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-02012
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 02012
Case Type: Undefined
Abatement Method Used at the Site: Not reported
Global ID: T0611170364
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: ROSE AVE.
Enforcement Type: CLOS

HONDA OF OXNARD (Continued) **U003783512**

Date Leak Discovered:	7/24/2002	
Date Leak First Reported:		7/24/2002
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	7/24/2002	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		10/2/2003
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Close Tank	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		Not reported
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		0
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	ND	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	HANK SCHLEGEL	
RP Address:	1500 VENTURA BLVD.	
Program:	LUST	
Lat/Long:	0 / 0	
Local Agency Staff:	DBW	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

VENTURA CO. LUST:

Name:	HONDA OF OXNARD
Address:	1500 VENTURA BLVD
City:	OXNARD
Region:	VENTURA
Facility ID:	02012
Status:	Case Closed

CORTESE:

Name:	HONDA OF OXNARD
Address:	1500 VENTURA BLVD.
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE

HONDA OF OXNARD (Continued) **U003783512**

Envirostor Id:	Not reported
Global ID:	T0611170364
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

15
SSW
1/4-1/2
0.473 mi.
2500 ft.

Relative:
Lower

Actual:
88 ft.

TODEY LINCOLN MERCURY **LUST** **S101631238**
1601 VENTURA BLVD **SWEEPS UST** **N/A**
OXNARD, CA 93030 **CA FID UST**
Cortese
ENF
CERS

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C04007	
Status:	Preliminary site assessment underway	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	04007	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611188384	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	AUTO CENTER DR	
Enforcement Type:	LFOR	
Date Leak Discovered:	2/5/2004	
Date Leak First Reported:		2/16/2004
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	2/16/2004	
Date Leak Stopped:	2/16/2004	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		Not reported
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Close Tank	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	

TODEY LINCOLN MERCURY (Continued) **S101631238**

Well Name: Not reported
Approx. Dist To Production Well (ft): Not reported
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 3/30/2004
Preliminary Site Assessment Began: 6/7/2004
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: KEVIN TODEY
RP Address: 1601 VENTURA BLVD
Program: LUST
Lat/Long: 0 / 0
Local Agency Staff: DBW
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:
Name: TODEY LINCOLN MERCURY
Address: 1601 VENTURA BLVD
City: OXNARD
Region: VENTURA
Facility ID: 04007
Status: Case Closed

LUST:
Name: TODEY LINCOLN MERCURY
Address: 1601 VENTURA BLVD
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611188384
Global Id: T0611188384
Latitude: 34.226204
Longitude: -119.155454
Status: Completed - Case Closed
Status Date: 11/18/2004
Case Worker: DBW
RB Case Number: C04007
Local Agency: VENTURA COUNTY
File Location: Local Agency
Local Case Number: 04007
Potential Media Affect: Soil

TODEY LINCOLN MERCURY (Continued) **S101631238**

Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0611188384
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0611188384
Contact Type: Local Agency Caseworker
Contact Name: DIANE B. WAHL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE.
City: VENTURA
Email: diane.wahl@ventura.org
Phone Number: 8056545040

LUST:
Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 05/05/2011
Action: Staff Letter

Global Id: T0611188384
Action Type: RESPONSE
Date: 07/09/2004
Action: Preliminary Site Assessment Report

Global Id: T0611188384
Action Type: RESPONSE
Date: 01/07/2011
Action: Soil and Water Investigation Report

Global Id: T0611188384
Action Type: RESPONSE
Date: 04/20/2011
Action: Site Assessment Report

Global Id: T0611188384
Action Type: Other
Date: 02/05/2004
Action: Leak Discovery

Global Id: T0611188384
Action Type: RESPONSE
Date: 10/15/2004
Action: Other Report / Document

Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 08/30/2004
Action: Notice to Comply

TODEY LINCOLN MERCURY (Continued) **S101631238**

Global Id: T0611188384
Action Type: Other
Date: 02/16/2004
Action: Leak Stopped

Global Id: T0611188384
Action Type: Other
Date: 02/16/2004
Action: Leak Reported

Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 06/21/2004
Action: * Historical Enforcement

Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 04/19/2004
Action: * Historical Enforcement

Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 01/01/2016
Action: File review

Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 11/22/2004
Action: Closure/No Further Action Letter

Global Id: T0611188384
Action Type: RESPONSE
Date: 07/09/2004
Action: Other Report / Document

LUST:
Global Id: T0611188384
Status: Open - Case Begin Date
Status Date: 02/05/2004

Global Id: T0611188384
Status: Open - Site Assessment
Status Date: 02/16/2004

Global Id: T0611188384
Status: Open - Site Assessment
Status Date: 03/30/2004

Global Id: T0611188384
Status: Open - Site Assessment
Status Date: 05/17/2004

Global Id: T0611188384
Status: Completed - Case Closed
Status Date: 11/18/2004

TODEY LINCOLN MERCURY (Continued) **S101631238**

SWEEPS UST:

Name:	WEBER MOTOR CO
Address:	1601 VENTURA BLVD
City:	OXNARD
Status:	Active
Comp Number:	2435
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-30-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	56-000-002435-000001
Tank Status:	A
Capacity:	3000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	1

CA FID UST:

Facility ID:	56003532
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	1601 VENTURA BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OXNARD 93030
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CORTESE:

Name:	TODEY LINCOLN MERCURY
Address:	1601 VENTURA BLVD
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611188384
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported

TODEY LINCOLN MERCURY (Continued) **S101631238**

Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

ENF:

Name:	TODEY LINCOLN MERCURY
Address:	1601 VENTURA
City,State,Zip:	OXNARD, CA 93030
Region:	4
Facility Id:	267598
Agency Name:	Todey Lincoln Mercury
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	34.216692
Place Longitude:	-119.194715
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	AGT
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	4CUPA000224
Reg Measure Id:	169434
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported

TODEY LINCOLN MERCURY (Continued) **S101631238**

Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	241297
Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/05/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/05/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4CUPA000224
Description:	Notice of Noncompliance sent 2/5/02 for no SPCCC onsite.
Program:	AGT
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CERS:

Name:	TODEY LINCOLN MERCURY
Address:	1601 VENTURA BLVD
City,State,Zip:	OXNARD, CA 93030
Site ID:	209544
CERS ID:	T0611188384
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DIANE B. WAHL - VENTURA COUNTY
Entity Title:	Not reported
Affiliation Address:	800 S. VICTORIA AVE.

TODEY LINCOLN MERCURY (Continued) **S101631238**

Affiliation City:	VENTURA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8056545040
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714
Name:	LINCOLN MERCURY OF OXNARD
Address:	1601 VENTURA BOULEVARD
City,State,Zip:	OXNARD, CA 93036-1839
Site ID:	477583
CERS ID:	110013917039
CERS Description:	US EPA Air Emission Inventory System (EIS)

D16 **DONLON CITRUS CO** **LUST** **U003790433**
NNE **3840 ROSE AVENUE** **UST** **N/A**
1/4-1/2 **OXNARD, CA** **CERS**
0.488 mi.
2574 ft. **Site 1 of 2 in cluster D**

Relative: **Higher**

Actual: **107 ft.**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-01007	
Status:	Case Closed	
Substance:	01051	
Substance Quantity:	Not reported	
Local Case No:	01007	
Case Type:	Undefined	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611193065	
W Global ID:	Not reported	
Staff:	TCS	
Local Agency:	56000L	
Cross Street:	SIMON WAY	
Enforcement Type:	CLOS	
Date Leak Discovered:	Not reported	
Date Leak First Reported:		10/6/2000
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		3/25/2002
Date the Case was Closed:		8/18/2003
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	Piping	

DONLON CITRUS CO (Continued) **U003790433**

Operator:	MIKE DONLON	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		863.74346437140467110070411 12
Source of Cleanup Funding:		Piping
Preliminary Site Assessment Workplan Submitted:		8/9/2001
Preliminary Site Assessment Began:		1/26/2002
Pollution Characterization Began:		5/21/2002
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		10/6/2000
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		8/15/2002
Hist Max MTBE Conc in Groundwater:		0
Hist Max MTBE Conc in Soil:		0
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	ND	
Soil Qualifier:	ND	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	MIKE DONLON	
RP Address:	3960 N. ROSE AVE.	
Program:	LUST	
Lat/Long:	34.24174 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Haz Mat incident report filed	

VENTURA CO. LUST:

Name:	DONLON CITRUS COMPANY
Address:	3840 ROSE AVE
City:	OXNARD
Region:	VENTURA
Facility ID:	01007
Status:	Case Closed

LUST:

Name:	DONLON CITRUS COMPANY
Address:	3840 N ROSE AVE
City,State,Zip:	OXNARD, CA 93030
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611193065
Global Id:	T0611193065
Latitude:	34.24174
Longitude:	-119.150997
Status:	Completed - Case Closed
Status Date:	08/18/2003
Case Worker:	DMB
RB Case Number:	C01007
Local Agency:	Not reported
File Location:	Not reported

DONLON CITRUS CO (Continued) **U003790433**

Local Case Number: 01007
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Lead
Site History: Not reported

LUST:
Global Id: T0611193065
Contact Type: Regional Board Caseworker
Contact Name: DAVID M. BJOSTAD
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4th Street, Suite 200
City: Los Angeles
Email: dave.bjostad@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0611193065
Action Type: ENFORCEMENT
Date: 01/01/2011
Action: File Review - Closure

Global Id: T0611193065
Action Type: Other
Date: 10/06/2000
Action: Leak Reported

Global Id: T0611193065
Action Type: ENFORCEMENT
Date: 05/21/2002
Action: Staff Letter

Global Id: T0611193065
Action Type: ENFORCEMENT
Date: 08/18/2003
Action: Closure/No Further Action Letter

Global Id: T0611193065
Action Type: ENFORCEMENT
Date: 05/28/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0611193065
Action Type: ENFORCEMENT
Date: 07/21/2003
Action: Notification - Preclosure

Global Id: T0611193065
Action Type: RESPONSE
Date: 07/31/2002
Action: Soil and Water Investigation Report

LUST:
Global Id: T0611193065
Status: Open - Case Begin Date
Status Date: 10/06/2000

Global Id: T0611193065

DONLON CITRUS CO (Continued) **U003790433**

Status: Open - Verification Monitoring
Status Date: 10/06/2000

Global Id: T0611193065
Status: Open - Site Assessment
Status Date: 08/09/2001

Global Id: T0611193065
Status: Open - Site Assessment
Status Date: 01/26/2002

Global Id: T0611193065
Status: Open - Site Assessment
Status Date: 05/21/2002

Global Id: T0611193065
Status: Completed - Case Closed
Status Date: 08/18/2003

VENTURA CO. UST:
Name: DONLON CITRUS CO
Address: 3840 ROSE AVENUE
City: OXNARD
Facility ID: D 1424
Facility Status: Inactive

CERS:
Name: DONLON CITRUS COMPANY
Address: 3840 N ROSE AVE
City,State,Zip: OXNARD, CA 93030
Site ID: 189458
CERS ID: T0611193065
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DAVID M. BJOSTAD - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W. 4th Street, Suite 200
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

D17 **DONLON CITRUS COMPANY** **Cortese** **S112909576**
NNE **3840 N ROSE AVE** **HAZNET** **N/A**
1/4-1/2 **OXNARD, CA 93030** **HWTS**
0.488 mi.
2574 ft. **Site 2 of 2 in cluster D**

Relative: Higher
Actual: 107 ft.

CORTESE:
Name: DONLON CITRUS COMPANY
Address: 3840 N ROSE AVE
City,State,Zip: OXNARD, CA 93030

DONLON CITRUS COMPANY (Continued) **S112909576**

Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611193065
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HAZNET:

Name:	DONLON CITRUS COMPANY
Address:	3840 N ROSE AVE
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930300000
Contact:	MIKE DONLON - OWNER
Telephone:	8054850805
Mailing Name:	Not reported
Mailing Address:	3840 N ROSE AVE
Year:	2000
Gepaid:	CAC002286481
TSD EPA ID:	CAT080013352
CA Waste Code:	241 - Tank bottom waste
Disposal Method:	R01 - Recycler
Tons:	0.417

Additional Info:

Year:	2000
Gen EPA ID:	CAC002286481
Shipment Date:	20000822
Creation Date:	10/30/2000 0:00:00
Receipt Date:	20000906
Manifest ID:	99789368
Trans EPA ID:	CAL922125668
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

DONLON CITRUS COMPANY (Continued) **S112909576**

CA Waste Code:	241 - Tank bottom waste 251 Still bottoms with halogenated organics
RCRA Code:	Not reported
Disposal Method:	R01 - Recycler
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	DONLON CITRUS COMPANY
Address:	3840 N ROSE AVE
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930300000
EPA ID:	CAC002286481
Inactive Date:	06/11/2001
Create Date:	07/11/2000
Last Act Date:	06/11/2001
Mailing Name:	Not reported
Mailing Address:	3840 N ROSE AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930300000
Owner Name:	MIKE DONLON
Owner Address:	3840 N ROSE AVE
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930300000
Contact Name:	MIKE DONLON - OWNER
Contact Address:	3840 N ROSE AVE
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930300000

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18 **COSTCO WHOLESALE NO 420** **RCRA-LQG** **1004677950**
SSE **2001 E VENTURA BLVD** **ENVIROSTOR** **CAR000103333**
1/2-1 **OXNARD, CA 93036** **FINDS**
0.629 mi. **ECHO**
3323 ft. **HAZNET**
MED WASTE VENTURA
Relative: Lower **CERS**
HWTS
Actual: 84 ft.

RCRA-LQG:

Date form received by agency:	2018-03-01 00:00:00.0
Facility name:	COSTCO WHOLESALE NO 420
Facility address:	2001 EAST VENTURA BOULEVARD OXNARD, CA 93030
EPA ID:	CAR000103333
Mailing address:	GREY HAWK CT, SUITE 200 CA93030 CA111US 3207 CARLSBAD, CA 92010
Contact:	ROSE THOMPSON
Contact address:	LAKE DR ISSAQUAH, WA 98027
Contact country:	US
Contact telephone:	425-313-6674

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Contact email: RTHOMPSON@COSTCO.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:
Owner/operator name: COSTCO WHOLESALE CORPORATION
Owner/operator address: LAKE DR
ISSAQUAH, WA 98027
Owner/operator country: US
Owner/operator telephone: 425-313-8100
Owner/operator email: RTHOMPSON@COSTCO.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 1985-11-18 00:00:00.
Owner/Op end date: Not reported

Owner/operator name: COSTCO WHOLESALE CORPORATION
Owner/operator address: LAKE DR
ISSAQUAH, WA 98027
Owner/operator country: US
Owner/operator telephone: 425-313-8100
Owner/operator email: RTHOMPSON@COSTCO.COM
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 1985-11-18 00:00:00.
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 2016-03-03 00:00:00.0
Site name: COSTCO WHOLESALE # 420
Classification: Large Quantity Generator

Date form received by agency: 2014-07-11 00:00:00.0
Site name: COSTCO WHOLESALE NO 420
Classification: Large Quantity Generator

Date form received by agency: 2014-03-01 00:00:00.0
Site name: COSTCO WHOLESALE #420
Classification: Large Quantity Generator

Date form received by agency: 2002-07-09 00:00:00.0
Site name: COSTCO WHOLESALE NO 420
Classification: Small Quantity Generator

Hazardous Waste Summary:

. Waste code: 122
. Waste name: Alkaline solution without metals (pH > 12.5)

. Waste code: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 133
. Waste name: Aqueous solution with 10% or more total organic residues

. Waste code: 134
. Waste name: Aqueous solution with <10% total organic residues

. Waste code: 135
. Waste name: Unspecified aqueous solution

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 151
. Waste name: Asbestos-containing waste

. Waste code: 172
. Waste name: Metal dust (see 121) and machining waste

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 211
. Waste name: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

. Waste code: 212
. Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

. Waste code: 213
. Waste name: Hydrocarbon solvents (benzene, hexane, Stoddard, etc.)

. Waste code: 214
. Waste name: Unspecified solvent mixture

. Waste code: 221
. Waste name: Waste oil and mixed oil

. Waste code: 223
. Waste name: Unspecified oil-containing waste

. Waste code: 232
. Waste name: Pesticides and other waste associated with pesticide production

. Waste code: 271
. Waste name: Organic monomer waste (includes unreacted resins)

. Waste code: 272
. Waste name: Polymeric resin waste

. Waste code: 281
. Waste name: Adhesives

. Waste code: 291
. Waste name: Latex waste

. Waste code: 311
. Waste name: Pharmaceutical waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343
. Waste name: Unspecified organic liquid mixture

. Waste code: 351
. Waste name: Organic solids with halogens

. Waste code: 352
. Waste name: Other organic solids

. Waste code: 541
. Waste name: Photochemicals / photo processing waste

. Waste code: 561
. Waste name: Detergent and soap

. Waste code: 611
. Waste name: Contaminated soil from site clean-ups

. Waste code: 791
. Waste name: Liquids with pH < 2

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D003
. Waste name: REACTIVE WASTE

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

. Waste code: D011
. Waste name: SILVER

. Waste code: D013
. Waste name: LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

. Waste code: D016
. Waste name: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

. Waste code: D018
. Waste name: BENZENE

. Waste code: D022
. Waste name: CHLOROFORM

. Waste code: D024
. Waste name: M-CRESOL

. Waste code: D026
. Waste name: CRESOL

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

. Waste code: D035
. Waste name: METHYL ETHYL KETONE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLORETHYLENE

. Waste code: D043
. Waste name: VINYL CHLORIDE

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: P001
. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

. Waste code: P075
. Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

. Waste code: U010
. Waste name: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR)

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

MITOMYCIN C

. Waste code: U015
. Waste name: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

. Waste code: U019
. Waste name: BENZENE (I,T)

. Waste code: U034
. Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

. Waste code: U035
. Waste name: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

. Waste code: U037
. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U044
. Waste name: CHLOROFORM (OR) METHANE, TRICHLORO-

. Waste code: U057
. Waste name: CYCLOHEXANONE (I)

. Waste code: U058
. Waste name: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

. Waste code: U059
. Waste name: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

. Waste code: U075
. Waste name: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

. Waste code: U089
. Waste name: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

. Waste code: U121
. Waste name: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

. Waste code: U129
. Waste name: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

. Waste code: U150
. Waste name: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

. Waste code: U200
. Waste name: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

. Waste code: U228
. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

. Waste code: U279
. Waste name: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs): 851.4

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs): 180

Waste code: D016
Waste name: 2,4-D
Amount (Lbs): 74

Waste code: D018
Waste name: BENZENE
Amount (Lbs): 2246

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%
Amount (Lbs): 17

Waste code: P075
Waste name: NICOTINE, & SALTS
Amount (Lbs): 19

Violation Status: No violations found

ENVIROSTOR:

Name: PRICE CLUB #420
Address: 2001 E. VENTURA BOULEVARD
City,State,Zip: OXNARD, CA 93030
Facility ID: 71003264
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 44
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.22526
Longitude: -119.1479
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000060250
Alias Type: EPA Identification Number
Alias Name: 71003264
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:
Registry ID: 110012221513

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
HAZARDOUS AIR POLLUTANT MAJOR
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004677950
Registry ID:	110012221513
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012221513
Name:	COSTCO WHOLESALE NO 420
Address:	2001 E VENTURA BLVD
City,State,Zip:	OXNARD, CA 93036

HAZNET:

Name:	COSTCO WHOLESALE NO 420
Address:	2001 E VENTURA BLVD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93030
Contact:	LISA SIMPSON
Telephone:	4253136275
Mailing Name:	Not reported
Mailing Address:	3207 GREY HAWK CT STE 200
Year:	2017
Gepaid:	CAR000103333
TSD EPA ID:	NVT330010000
CA Waste Code:	352 - Other organic solids
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.675
Year:	2017
Gepaid:	CAR000103333
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.4536
Year:	2017
Gepaid:	CAR000103333
TSD EPA ID:	CAD008364432
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.328
Year:	2017
Gepaid:	CAR000103333
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0005

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Year: 2017
Gepaid: CAR000103333
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.117

Year: 2017
Gepaid: CAR000103333
TSD EPA ID: CAD008364432
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.002

Year: 2016
Gepaid: CAR000103333
TSD EPA ID: CAD008364432
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.022

Year: 2016
Gepaid: CAR000103333
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0935

Year: 2016
Gepaid: CAR000103333
TSD EPA ID: CAD008364432
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0015

Year: 2016
Gepaid: CAR000103333
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.42

Click this hyperlink while viewing on your computer to access
73 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2014
Gen EPA ID: CAR000103333

Shipment Date: 20141229

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Creation Date:	6/26/2015 22:15:23
Receipt Date:	20150108
Manifest ID:	007637722FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D018
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141222
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141222
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.017
Waste Quantity:	34
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.086
Waste Quantity:	172
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	- Not reported
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141222
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	P001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	P075
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007217445FLE

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: CAD983649880
Trans 2 Name: PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID: CAD008364432
Trans Name: RHO CHEM LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 331 - Off-specification, aged, or surplus organics
RCRA Code: Not reported
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0005
Waste Quantity: 1
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2011
Gen EPA ID: CAR000103333

Shipment Date: 20111206
Creation Date: 4/26/2012 20:30:19
Receipt Date: 20111209
Manifest ID: 008657900JJK
Trans EPA ID: OKD987096328
Trans Name: JANUARY TRANSPORT INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code: D018
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.075
Waste Quantity: 150
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20111128
Creation Date: 6/15/2012 20:30:07
Receipt Date: 20111212
Manifest ID: 005012945FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: OKD981588791

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1785
Waste Quantity:	357
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111128
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111212
Manifest ID:	005012945FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111128
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111212
Manifest ID:	005012945FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111031
Creation Date:	4/13/2012 20:30:11
Receipt Date:	20111102
Manifest ID:	008657858JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110914
Creation Date:	3/23/2012 20:30:11
Receipt Date:	20110916
Manifest ID:	008657767JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110914
Creation Date:	3/23/2012 20:30:11
Receipt Date:	20110916
Manifest ID:	008657767JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110906
Creation Date:	11/28/2012 22:15:25
Receipt Date:	20111006
Manifest ID:	004768503FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110825
Creation Date:	10/19/2011 18:30:39
Receipt Date:	20110901
Manifest ID:	008657743JJK

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.272
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110822
Creation Date:	2/11/2012 20:30:14
Receipt Date:	20110906
Manifest ID:	005014206FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAR000103333
Shipment Date:	20131227
Creation Date:	5/14/2014 22:15:13
Receipt Date:	20140102
Manifest ID:	005769316FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D018
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131202
Creation Date:	5/14/2014 22:15:08
Receipt Date:	20131211
Manifest ID:	005763120FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D018
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131202
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.0565
Waste Quantity:	113
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131202
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131202
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	P001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131202
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0335
Waste Quantity:	67
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.0675
Waste Quantity:	135
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131111
Creation Date:	4/5/2014 22:15:10
Receipt Date:	20131120
Manifest ID:	005762226FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

RCRA Code: D018
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAR000103333

Shipment Date: 20121212
Creation Date: 2/14/2013 22:15:30
Receipt Date: 20121219
Manifest ID: 005774112FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D018
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons: 0.05
Waste Quantity: 100
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20121031
Creation Date: 3/22/2013 22:15:24
Receipt Date: 20121107
Manifest ID: 005773471FLE
Trans EPA ID: CAR000183913
Trans Name: BELSHIRE
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVT330010000
Trans Name: US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 352 - Other organic solids
RCRA Code: D018
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121031
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Shipment Date:	20121023
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	U034
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121023
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	561 - Not reported
RCRA Code:	Not reported
Disposal Method:	- Not reported
Quantity Tons:	0.2395
Waste Quantity:	479
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121023
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121031
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0345
Waste Quantity:	69
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121031
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	P001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0315
Waste Quantity:	63
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121031
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	P075
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	P001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000103333
Shipment Date:	20151228
Creation Date:	10/10/2016 18:30:40
Receipt Date:	20160106
Manifest ID:	008735690FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D018
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151228
Creation Date:	6/6/2016 18:31:19
Receipt Date:	20160107
Manifest ID:	008735691FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	3/25/2016 22:15:42
Receipt Date:	20151215
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Shipment Date:	20151208
Creation Date:	3/25/2016 22:15:42
Receipt Date:	20151215
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0285
Waste Quantity:	57
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	P001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	P075
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0215
Waste Quantity:	43
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0085
Waste Quantity:	17
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2010
Gen EPA ID: CAR000103333

Shipment Date: 20101216
Creation Date: 9/23/2011 10:31:34
Receipt Date: 20101230
Manifest ID: 004203073FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: OHD083377010
Trans Name: ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 214 - Unspecified solvent mixture
RCRA Code: D001
Disposal Method: H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20101216
Creation Date: 9/23/2011 10:31:34
Receipt Date: 20101230
Manifest ID: 004203073FLE
Trans EPA ID: MNS000110924
Trans Name: STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID: OKD981588791
Trans 2 Name: TRIAD TRANSPORT INC
TSDF EPA ID: OHD083377010
Trans Name: ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
CA Waste Code: 214 - Unspecified solvent mixture
RCRA Code: D001
Disposal Method: H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons: 0.004
Waste Quantity: 8
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Shipment Date:	20101206
Creation Date:	5/19/2011 18:30:24
Receipt Date:	20101210
Manifest ID:	007429246JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20101027
Creation Date:	4/27/2011 18:30:07
Receipt Date:	20101101
Manifest ID:	007429085JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100922
Creation Date:	2/19/2011 18:30:08
Receipt Date:	20101005
Manifest ID:	005755642JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	OKD981588791

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100917
Creation Date:	2/18/2011 18:30:17
Receipt Date:	20100917
Manifest ID:	007429039JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100917
Creation Date:	2/18/2011 18:30:17
Receipt Date:	20100917
Manifest ID:	007429039JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100727
Creation Date:	1/27/2011 18:30:23
Receipt Date:	20100728
Manifest ID:	007139934JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100604
Creation Date:	1/24/2011 18:30:16
Receipt Date:	20100607
Manifest ID:	007139531JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Additional Code 5:	Not reported
Shipment Date:	20100426
Creation Date:	12/16/2010 18:31:07
Receipt Date:	20100427
Manifest ID:	007139767JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000103333
Shipment Date:	20151228
Creation Date:	10/10/2016 18:30:40
Receipt Date:	20160106
Manifest ID:	008735690FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D018
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151228

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Creation Date:	6/6/2016 18:31:19
Receipt Date:	20160107
Manifest ID:	008735691FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	P075
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	3/25/2016 22:15:42
Receipt Date:	20151215
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	3/25/2016 22:15:42
Receipt Date:	20151215
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	3/25/2016 22:15:42
Receipt Date:	20151215
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	3/25/2016 22:15:42
Receipt Date:	20151215
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0055
Waste Quantity:	11
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0385
Waste Quantity:	77
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.07
Waste Quantity:	140
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAR000103333

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Shipment Date:	20171220
Creation Date:	10/25/2018 18:30:19
Receipt Date:	20171227
Manifest ID:	010665278FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D018
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171122
Creation Date:	7/5/2018 18:32:15
Receipt Date:	20171129
Manifest ID:	010664044FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	352 - Other organic solids
RCRA Code:	D018
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171122
Creation Date:	6/29/2018 18:30:18
Receipt Date:	20171130
Manifest ID:	010664045FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	CAT080016116

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Trans 2 Name:	NIETO AND SONS TRUCKING INC
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	7/23/2018 18:30:12
Receipt Date:	20171108
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0295
Waste Quantity:	59
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	7/23/2018 18:30:12
Receipt Date:	20171108
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	7/23/2018 18:30:12
Receipt Date:	20171108
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.047
Waste Quantity:	94
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	7/23/2018 18:30:12
Receipt Date:	20171108
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.091
Waste Quantity:	182
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	311 - Pharmaceutical waste
RCRA Code:	D001
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	Not reported
Receipt Date:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAR000103333
Shipment Date:	20091217
Creation Date:	7/19/2010 18:30:23
Receipt Date:	20100108
Manifest ID:	005861831JJK
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	214 - Unspecified solvent mixture
RCRA Code:	D001
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091215
Creation Date:	3/5/2010 18:31:23
Receipt Date:	20091215
Manifest ID:	005449409JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20091012
Creation Date:	5/20/2010 18:30:26
Receipt Date:	20091030
Manifest ID:	005859650JJK
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Disposal Method:	H121 - Neutralization Only
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20090527
Creation Date:	6/27/2009 18:30:20
Receipt Date:	20090529
Manifest ID:	005467459JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHOCHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	- Not reported
RCRA Code:	D002
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.7
Waste Quantity:	1400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090527
Creation Date:	6/27/2009 18:30:20
Receipt Date:	20090529
Manifest ID:	005467459JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHOCHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAR000103333
Shipment Date:	20070220
Creation Date:	8/9/2007 18:31:20
Receipt Date:	20070226
Manifest ID:	001393645JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIROSERV
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D011
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070111
Creation Date:	8/8/2007 18:30:15
Receipt Date:	20070130
Manifest ID:	001394678JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIROSERV
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
CA Waste Code:	181 - Other inorganic solid waste Organics
RCRA Code:	D011
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

MED WASTE VENTURA:

Name:	COSTCO PHARMACY #420
Address:	2001 E VENTURA BLVD
City,State,Zip:	OXNARD, CA 93036
File Id:	FA0033643
Permits:	- MEDICAL WASTE SMALL QTY GENERATOR RECORDS

CERS:

Name:	COSTCO WHOLESALE NO 420
Address:	2001 E VENTURA BLVD
City,State,Zip:	OXNARD, CA 93036-1813
Site ID:	462619
CERS ID:	110012221513
CERS Description:	US EPA Air Emission Inventory System (EIS)

Affiliation:

Affiliation Type Desc:	Facility Owner
Entity Name:	COSTCO WHOLESALE
Entity Title:	OWNER
Affiliation Address:	999 LAKE DRIVE
Affiliation City:	ISSAQUAH
Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	UST PO Name

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Entity Name:	COSTCO WHOL CORPRT
Entity Title:	Not reported
Affiliation Address:	C/O LISA SIMPSONNA LEGAL-LICENSING DEPARTMENTNA PO
Affiliation City:	SEATTLE
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	ATTN DALE ANDERSON COSTCO WHOLESALE
Entity Title:	ENVIRONMENTAL CONTACT
Affiliation Address:	999 LAKE DRIVE
Affiliation City:	ISSAQUAH
Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	ELIZ C CAMPOS
Entity Title:	REG COMPLNC SPEC
Affiliation Address:	3207 GREY HAWK CT STE 200
Affiliation City:	CARLSBAD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	ELIZABETH C CAMPOS
Entity Title:	REG COMPLNC SPEC
Affiliation Address:	3207 GREY HAWK CT STE 200
Affiliation City:	CARLSBAD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	ELIZABETH CAMPOS
Entity Title:	REGULATORY SPEC
Affiliation Address:	3207 GREY HAWK CTSTE 200
Affiliation City:	CARLSBAD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	TRAVIS COBOS
Entity Title:	ASSISTANT GENERAL MANAGER
Affiliation Address:	999 LAKE DRIVE
Affiliation City:	ISSAQUAH
Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: COSTCO WHOLESALE
Entity Title: OPERATOR
Affiliation Address: 999 LAKE DRIVE
Affiliation City: ISSAQUAH
Affiliation State: WA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Anthony Stout
Entity Title: General Manager
Affiliation Address: COSTCO WHOLESALE CORPORATION RISK MGMT 999 LAKE
Affiliation City: ISSAQUAH
Affiliation State: WA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: COSTCO WHOL ; ENVIR SVC
Entity Title: Not reported
Affiliation Address: 999 LAKE DRIVE
Affiliation City: ISSAQUAH
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Property Owner
Entity Name: COSTCO WHOL
Entity Title: Not reported
Affiliation Address: 999 LAKE DRIVE
Affiliation City: ISSAQUAH
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: COSTCO WHOLESALE #420
Address: 2001 E VENTURA BLVD
Address 2: Not reported
City,State,Zip: OXNARD, CA 93030
EPA ID: CAR000103333
Inactive Date: Not reported
Create Date: 03/04/2003
Last Act Date: 09/06/2019
Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT STE 200
Mailing Address 2: Not reported
Mailing City,State,Zip: CARLSBAD, CA 92010
Owner Name: COSTCO

COSTCO WHOLESALE NO 420 (Continued) **1004677950**

Owner Address:	999 LAKE DR
Owner Address 2:	Not reported
Owner City,State,Zip:	ISSAQUAH, WA 980270000
Contact Name:	MELISSA VALES
Contact Address:	3207 GREY HAWK CT., SUITE 200
Contact Address 2:	Not reported
City,State,Zip:	CARLSBAD, CA 920100000

NAICS:

EPA ID:	CAR000103333
Create Date:	2003-10-23 13:13:52
NAICS Code:	45299
NAICS Description:	All Other General Merchandise Stores
Issued EPA ID Date:	2003-03-04 14:25:35
Inactive Date:	Not reported
Facility Name:	COSTCO WHOLESALE #420
Facility Address:	2001 E Ventura Blvd
Facility Address 2:	Not reported
Facility City:	Oxnard
Facility County:	56
Facility State:	CA
Facility Zip:	93030

19
WNW
1/2-1
0.819 mi.
4322 ft.

RIO VISTA MIDDLE SCHOOL **ENVIROSTOR** **S109422425**
VINEYARD & WALNUT AVENUE **SCH** **N/A**
OXNARD, CA 93036

Relative:
Higher

Actual:
98 ft.

ENVIROSTOR:

Name:	RIO VISTA MIDDLE SCHOOL
Address:	VINEYARD & WALNUT AVENUE
City,State,Zip:	OXNARD, CA 93036
Facility ID:	56010019
Status:	Certified
Status Date:	11/19/2009
Site Code:	304480
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	18.1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Christine Chiu
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	37
Senate:	19
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.241
Longitude:	-119.1665
APN:	132-0-020-160, 132-0-120-215, 132-0-120-225, 132-0-120-235, 133-0-010-600
Past Use:	AGRICULTURAL - ROW CROPS

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Potential COC: Methane
Confirmed COC: Methane
Potential Description: SV, IA
Alias Name: RIO ELEMENTARY UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: RIO SD-RIVERPARK LEGACY DEV INTRMDT SCL
Alias Type: Alternate Name
Alias Name: 132-0-020-160
Alias Type: APN
Alias Name: 132-0-120-215
Alias Type: APN
Alias Name: 132-0-120-225
Alias Type: APN
Alias Name: 132-0-120-235
Alias Type: APN
Alias Name: 133-0-010-600
Alias Type: APN
Alias Name: 110033606934
Alias Type: EPA (FRS #)
Alias Name: 304480
Alias Type: Project Code (Site Code)
Alias Name: 56010019
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/05/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/16/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/21/2004
Comments: The District entered into an EOA with DTSC for oversight of a PEA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 07/15/2005
Comments: The District entered into a SCA with DTSC to develop and implement a Removal Action Workplan, and other activities, under the oversight of DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/09/2005
Comments: DTSC approved the PEA with a Further Action determination and partial site approval of the 1.4-acre Eastern Elementary School. PEA comment period 4/11/05-05/10/05.

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/09/2005
Comments: SSI approved further action for methane

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/31/2004
Comments: DTSC approved the adequacy of the PEA Workplan for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/25/2006
Comments: DTSC approved the Removal Action Workplan for implementation. Public comment period: May 12, 2006 - June 13, 2006; public hearing on May 24, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/08/2006
Comments: Approval of SSI Report. Methane levels fluctuating. RAW still required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 01/17/2006
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/04/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/15/2008
Comments: Issued RACR approval letter. Certification will be issued after DTSC reviews and approves the final O & M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/22/2008
Comments: Reviewed the Indoor Air Sampling and Analysis Report.

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/10/2008
Comments: Reviewed and concurred with the conclusions of the second quarterly soil gas & indoor air monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/14/2009
Comments: DTSC reviewed the Operation and Maintenance Report and provided comments to be addressed in future O&M reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/15/2009
Comments: DTSC reviewed the Operation and Maintenance Report and determined that O&M activities of the methane mitigation system are no longer required. DTSC determined that No Further Action is necessary at the Site and a Five-Year Review of the Site will not be required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/25/2006
Comments: The O&M Plan, dated April 2006, is Appendix F of the RAW. DTSC approved the revised RAW on July 25, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/26/2006
Comments: DTSC approved the Community Profile on April 26, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/01/2006
Comments: Final Fact Sheet regarding the Draft RAW is dated May 2006. English and Spanish versions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 09/08/2009
Comments: DTSC fully executed the Operation and Maintenance Agreement.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/10/2009
Comments: DTSC certified that response actions according to the DTSC-approved RAW is complete.

Completed Area Name: PROJECT WIDE

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/17/2009
Comments:	DTSC prepared project close out Cost Recovery Unit Memorandum.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	RIO VISTA MIDDLE SCHOOL
Address:	VINEYARD & WALNUT AVENUE
City,State,Zip:	OXNARD, CA 93036
Facility ID:	56010019
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	18.1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Christine Chiu
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304480
Assembly:	37
Senate:	19
Special Program Status:	Not reported
Status:	Certified
Status Date:	11/19/2009
Restricted Use:	NO
Funding:	School District
Latitude:	34.241
Longitude:	-119.1665
APN:	132-0-020-160, 132-0-120-215, 132-0-120-225, 132-0-120-235, 133-0-010-600
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Methane
Confirmed COC:	Methane
Potential Description:	SV, IA
Alias Name:	RIO ELEMENTARY UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	RIO SD-RIVERPARK LEGACY DEV INTRMDT SCL
Alias Type:	Alternate Name
Alias Name:	132-0-020-160
Alias Type:	APN
Alias Name:	132-0-120-215
Alias Type:	APN
Alias Name:	132-0-120-225

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Alias Type: APN
Alias Name: 132-0-120-235
Alias Type: APN
Alias Name: 133-0-010-600
Alias Type: APN
Alias Name: 110033606934
Alias Type: EPA (FRS #)
Alias Name: 304480
Alias Type: Project Code (Site Code)
Alias Name: 56010019
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/05/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/16/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/21/2004
Comments: The District entered into an EOA with DTSC for oversight of a PEA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 07/15/2005
Comments: The District entered into a SCA with DTSC to develop and implement a Removal Action Workplan, and other activities, under the oversight of DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/09/2005
Comments: DTSC approved the PEA with a Further Action determination and partial site approval of the 1.4-acre Eastern Elementary School. PEA comment period 4/11/05-05/10/05.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/09/2005
Comments: SSI approved further action for methane

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/31/2004
Comments: DTSC approved the adequacy of the PEA Workplan for implementation.

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/25/2006
Comments: DTSC approved the Removal Action Workplan for implementation. Public comment period: May 12, 2006 - June 13, 2006; public hearing on May 24, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/08/2006
Comments: Approval of SSI Report. Methane levels fluctuating. RAW still required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 01/17/2006
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/04/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/15/2008
Comments: Issued RACR approval letter. Certification will be issued after DTSC reviews and approves the final O & M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/22/2008
Comments: Reviewed the Indoor Air Sampling and Analysis Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/10/2008
Comments: Reviewed and concurred with the conclusions of the second quarterly soil gas & indoor air monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/14/2009

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Comments:	DTSC reviewed the Operation and Maintenance Report and provided comments to be addressed in future O&M reports.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operations and Maintenance Report
Completed Date:	09/15/2009
Comments:	DTSC reviewed the Operation and Maintenance Report and determined that O&M activities of the methane mitigation system are no longer required. DTSC determined that No Further Action is necessary at the Site and a Five-Year Review of the Site will not be required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operations and Maintenance Plan
Completed Date:	07/25/2006
Comments:	The O&M Plan, dated April 2006, is Appendix F of the RAW. DTSC approved the revised RAW on July 25, 2006.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Community Profile
Completed Date:	04/26/2006
Comments:	DTSC approved the Community Profile on April 26, 2006.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	05/01/2006
Comments:	Final Fact Sheet regarding the Draft RAW is dated May 2006. English and Spanish versions.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation & Maintenance Order/Agreement
Completed Date:	09/08/2009
Comments:	DTSC fully executed the Operation and Maintenance Agreement.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	11/10/2009
Comments:	DTSC certified that response actions according to the DTSC-approved RAW is complete.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/17/2009
Comments:	DTSC prepared project close out Cost Recovery Unit Memorandum.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

20
NW
1/2-1
0.839 mi.
4432 ft.

EASTERN ELEMENTARY SCHOOL **ENVIROSTOR** **S106044359**
EAST VINEYARD AVENUE/SIMON WAY **SCH** **N/A**
OXNARD, CA 93036

Relative:
Higher

Actual:
103 ft.

ENVIROSTOR:
Name: EASTERN ELEMENTARY SCHOOL
Address: EAST VINEYARD AVENUE/SIMON WAY
City,State,Zip: OXNARD, CA 93036
Facility ID: 56010016
Status: No Further Action
Status Date: 01/18/2006
Site Code: 304429
Site Type: School Investigation
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 37
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.24413
Longitude: -119.1641
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: EASTERN ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: RIO ELEMENTARY SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: RIO SD-EASTERN ELEMENTARY
Alias Type: Alternate Name
Alias Name: 304429
Alias Type: Project Code (Site Code)
Alias Name: 56010016
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/31/2003
Comments: Not reported

EASTERN ELEMENTARY SCHOOL (Continued) **S106044359**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 10/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/18/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: EASTERN ELEMENTARY SCHOOL
Address: EAST VINEYARD AVENUE/SIMON WAY
City,State,Zip: OXNARD, CA 93036
Facility ID: 56010016
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 10
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304429
Assembly: 37
Senate: 19
Special Program Status: Not reported
Status: No Further Action
Status Date: 01/18/2006

EASTERN ELEMENTARY SCHOOL (Continued) **S106044359**

Restricted Use: NO
Funding: School District
Latitude: 34.24413
Longitude: -119.1641
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: EASTERN ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: RIO ELEMENTARY SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: RIO SD-EASTERN ELEMENTARY
Alias Type: Alternate Name
Alias Name: 304429
Alias Type: Project Code (Site Code)
Alias Name: 56010016
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/31/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 10/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/18/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported

EASTERN ELEMENTARY SCHOOL (Continued) **S106044359**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

21
NW
1/2-1
0.874 mi.
4614 ft.

SOUTHERN PACIFIC MILLING CO
3555 VINEYARD AVE
OXNARD, CA 93030

ENVIROSTOR **S106797759**
LUST **N/A**
VENTURA CO. BWT
Cortese
CERS

Relative: Higher

Actual: 98 ft.

ENVIROSTOR:

Name:	HANSON AGGREGATES - EL RIO PLANT
Address:	3555 EAST VINEYARD AVENUE
City,State,Zip:	OXNARD, CA 93036
Facility ID:	56500004
Status:	Refer: 1248 Local Agency
Status Date:	07/25/2001
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	VENTURA COUNTY
Lead Agency:	VENTURA COUNTY
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	35
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	34.24402
Longitude:	-119.1641
APN:	133-0-010-110
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	133-0-010-110
Alias Type:	APN
Alias Name:	56500004
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	SB 1248 Notification
Completed Date:	07/25/2001
Comments:	SB 1248 Ventura County
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported

SOUTHERN PACIFIC MILLING CO (Continued) **S106797759**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:
Name: RIVER PARK
Address: 3555 VINEYARD AVE.
City,State,Zip: OXNARD, CA 93030
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611191334
Global Id: T0611191334
Latitude: 34.245757
Longitude: -119.162906
Status: Completed - Case Closed
Status Date: 07/28/2009
Case Worker: DPP
RB Case Number: C-92003A
Local Agency: OXNARD, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Site History: Not reported

LUST:
Global Id: T0611191334
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0611191334
Contact Type: Local Agency Caseworker
Contact Name: STEVE ELKINTON
Organization Name: OXNARD, CITY OF
Address: 251 SOUTH C STREET
City: OXNARD
Email: Not reported
Phone Number: 8053858437

LUST:
Global Id: T0611191334
Action Type: ENFORCEMENT
Date: 06/01/2006
Action: Site Visit / Inspection / Sampling

Global Id: T0611191334
Action Type: ENFORCEMENT
Date: 06/25/2008
Action: Staff Letter

Global Id: T0611191334
Action Type: Other
Date: 03/09/2005

SOUTHERN PACIFIC MILLING CO (Continued) **S106797759**

Action:	Leak Discovery
Global Id:	T0611191334
Action Type:	REMEDIATION
Date:	05/06/2005
Action:	Excavation
Global Id:	T0611191334
Action Type:	RESPONSE
Date:	09/20/2005
Action:	Other Report / Document
Global Id:	T0611191334
Action Type:	RESPONSE
Date:	09/20/2005
Action:	Other Report / Document
Global Id:	T0611191334
Action Type:	RESPONSE
Date:	11/15/2005
Action:	Soil and Water Investigation Report
Global Id:	T0611191334
Action Type:	RESPONSE
Date:	05/02/2006
Action:	Other Report / Document
Global Id:	T0611191334
Action Type:	Other
Date:	05/06/2005
Action:	Leak Reported
Global Id:	T0611191334
Action Type:	RESPONSE
Date:	02/20/2008
Action:	Soil and Water Investigation Workplan
Global Id:	T0611191334
Action Type:	ENFORCEMENT
Date:	06/09/2009
Action:	Notification - Preclosure
Global Id:	T0611191334
Action Type:	ENFORCEMENT
Date:	07/28/2009
Action:	Closure/No Further Action Letter
Global Id:	T0611191334
Action Type:	RESPONSE
Date:	02/20/2008
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0611191334
Action Type:	RESPONSE
Date:	06/23/2008
Action:	Other Report / Document

SOUTHERN PACIFIC MILLING CO (Continued) **S106797759**

Global Id: T0611191334
Action Type: RESPONSE
Date: 06/23/2008
Action: Soil and Water Investigation Workplan

Global Id: T0611191334
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0611191334
Action Type: RESPONSE
Date: 10/15/2008
Action: Well Installation Report

Global Id: T0611191334
Action Type: RESPONSE
Date: 01/20/2009
Action: Request for Closure

Global Id: T0611191334
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0611191334
Action Type: RESPONSE
Date: 06/23/2008
Action: Tank Removal Report / UST Sampling Report

Global Id: T0611191334
Action Type: ENFORCEMENT
Date: 09/14/2005
Action: Staff Letter

Global Id: T0611191334
Action Type: ENFORCEMENT
Date: 09/08/2005
Action: Staff Letter

LUST:
Global Id: T0611191334
Status: Open - Case Begin Date
Status Date: 03/09/2005

Global Id: T0611191334
Status: Open - Site Assessment
Status Date: 08/23/2005

Global Id: T0611191334
Status: Open - Site Assessment
Status Date: 09/14/2005

Global Id: T0611191334
Status: Open - Site Assessment
Status Date: 02/20/2008

SOUTHERN PACIFIC MILLING CO (Continued) **S106797759**

Global Id: T0611191334
Status: Open - Site Assessment
Status Date: 06/23/2008

Global Id: T0611191334
Status: Open - Site Assessment
Status Date: 06/25/2008

Global Id: T0611191334
Status: Completed - Case Closed
Status Date: 07/28/2009

Name: SOUTHERN PACIFIC MILLING CO
Address: 3555 VINEYARD AVE
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100797
Global Id: T0611100797
Latitude: 34.2394766
Longitude: -119.1675036
Status: Completed - Case Closed
Status Date: 02/05/1998
Case Worker: Not reported
RB Case Number: C-92003
Local Agency: Not reported
File Location: Not reported
Local Case Number: 92003
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0611100797
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611100797
Action Type: Other
Date: 02/06/1992
Action: Leak Discovery

Global Id: T0611100797
Action Type: Other
Date: 02/07/1992
Action: Leak Stopped

Global Id: T0611100797
Action Type: Other
Date: 02/06/1992

SOUTHERN PACIFIC MILLING CO (Continued) **S106797759**

Action: Leak Reported

Global Id: T0611100797
Action Type: ENFORCEMENT
Date: 02/06/1992
Action: * Historical Enforcement

LUST:
Global Id: T0611100797
Status: Open - Case Begin Date
Status Date: 02/06/1992

Global Id: T0611100797
Status: Open - Site Assessment
Status Date: 02/06/1992

Global Id: T0611100797
Status: Open - Site Assessment
Status Date: 03/30/1992

Global Id: T0611100797
Status: Open - Remediation
Status Date: 01/09/1998

Global Id: T0611100797
Status: Completed - Case Closed
Status Date: 02/05/1998

VENTURA CO. BWT:
Name: HANSON AGGREGATES
Address: 3555 VINEYARD AVE
City,State,Zip: OXNARD, CA
Facility ID: HM 3586
Program: Not reported

Name: SULLY-MILLER CONTRACTING CO
Address: 3555 VINEYARD AVE
City,State,Zip: OXNARD, CA
Facility ID: HM 3947
Program: Not reported

Name: ASSOCIATED READY MIXED CONCRETE
Address: 3555 VINEYARD AVE
City,State,Zip: OXNARD, CA
Facility ID: HM 3588
Program: Not reported

Name: SULLY-MILLER CONTRACTING CO
Address: 3555 VINEYARD AVE
City,State,Zip: OXNARD, CA
Facility ID: HM 3587
Program: Not reported

CORTESE:
Name: RIVER PARK

SOUTHERN PACIFIC MILLING CO (Continued) **S106797759**

Address:	3555 VINEYARD AVE.
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611191334
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	SOUTHERN PACIFIC MILLING CO
Address:	3555 VINEYARD AVE
City,State,Zip:	OXNARD, CA 93030
Site ID:	197586
CERS ID:	T0611100797
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714

Name:	RIVER PARK
Address:	3555 VINEYARD AVE.
City,State,Zip:	OXNARD, CA 93030
Site ID:	242391
CERS ID:	T0611191334
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA

SOUTHERN PACIFIC MILLING CO (Continued) **S106797759**

Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714
Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	STEVE ELKINTON - OXNARD, CITY OF
Entity Title:	Not reported
Affiliation Address:	251 SOUTH C STREET
Affiliation City:	OXNARD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8053858437

22
South
1/2-1
0.893 mi.
4713 ft.

TELEFLEX CONTROL SYSTEMS
1950 WILLIAMS DRIVE
OXNARD, CA 93030

ENVIROSTOR **S118757241**
N/A

Relative:
Lower

Actual:
83 ft.

ENVIROSTOR:

Name:	TELEFLEX CONTROL SYSTEMS
Address:	1950 WILLIAMS DRIVE
City,State,Zip:	OXNARD, CA 93030
Facility ID:	60001505
Status:	No Action Required
Status Date:	06/27/2013
Site Code:	301514
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	12.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Manjul Bose
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Assembly:	44
Senate:	19
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	34.21998
Longitude:	-119.1522
APN:	213003120
Past Use:	ABOVE GROUND STORAGE TANKS
Potential COC:	Under Investigation
Confirmed COC:	31000-NO 31001-NO
Potential Description:	AQUI, OTH, SOIL
Alias Name:	213003120
Alias Type:	APN
Alias Name:	301514
Alias Type:	Project Code (Site Code)
Alias Name:	60001505
Alias Type:	Envirostor ID Number

TELEFLEX CONTROL SYSTEMS (Continued) **S118757241**

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/07/2013
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

23
West
1/2-1
0.977 mi.
5156 ft.

PRICE COMPANY **ENVIROSTOR** **S103990905**
2600 VINEYARD AVENUE **N/A**
OXNARD, CA 93030

Relative:
Lower

Actual:
87 ft.

ENVIROSTOR:
Name: PRICE COMPANY
Address: 2600 VINEYARD AVENUE
City,State,Zip: OXNARD, CA 93030
Facility ID: 56550001
Status: No Further Action
Status Date: 06/26/1992
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 44
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.23424
Longitude: -119.1707
APN: 145023217
Past Use: FUEL - VEHICLE STORAGE/ REFUELING
Potential COC: TPH-gas Toluene
Confirmed COC: TPH-gas Toluene
Potential Description: SOIL, SV
Alias Name: 145023217
Alias Type: APN
Alias Name: 56550001
Alias Type: Envirostor ID Number

PRICE COMPANY (Continued) **S103990905**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	06/26/1992
Comments:	THE DEPT COMPLETED THE REVIEW OF PEA AND CONCURS WITH THE RECOMMENDATION THAT NO FURTHER ACTION IS NEEDED AT THE TIRE CENTER AREA. THE DEPT ALSO NOTIFIED THE RP THAT THE OTHER AREAS WHICH CONSIST OF THE BUILDINGS AND PAVED PARKING AREA, THE DEPT IS NOT IN A POSITION OF MAKING ANY DECISION. IN ORDER TO DETERMINE IF NO FURTHER ACTION IS REQUIRED IN THE OTHER AREAS, AN ADDITIONAL PEA REPORT WITH APPROPRIATE FEE IS REQUIRED TO BE SUBMITTED TO THE DEPT.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	07/01/1991
Comments:	Site was screened in April 1991, but screening was not recorded until July 1, 1991.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	06/24/1991
Comments:	The Dept has reviewed the PEA and concurs with the consultant's recommendation on that further action is needed due to the presence of TPH at the facility in the tire center area. RP is informed of it and the site referred to site mitigation.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	03/25/1991
Comments:	Site identified from responsible party.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

24
NNW
1/2-1
0.984 mi.
5197 ft.

Relative:
Higher

Actual:
103 ft.

VENTURA OIL
3815 VINEYARD
OXNARD, CA 93030

ENVIROSTOR **S104228597**
LUST **N/A**
CPS-SLIC
VENTURA CO. BWT
EMI
HIST CORTESE
NPDES
CIWQS
CERS

ENVIROSTOR:

Name:	GP VENTURA OIL BULK TERMINAL

VENTURA OIL (Continued) **S104228597**

Address: 3815 VINEYARD AVENUE
City,State,Zip: OXNARD, CA 93036
Facility ID: 56990003
Status: Refer: 1248 Local Agency
Status Date: 06/14/2004
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Cypress
Assembly: 44
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not Applicable
Latitude: 34.24880
Longitude: -119.1612
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: SL0611116730
Alias Type: GeoTracker Global ID
Alias Name: 56990003
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:
Name: VENTURA OIL
Address: 3815 VINEYARD AVE
City,State,Zip: OXNARD, CA 93030
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100523

VENTURA OIL (Continued) **S104228597**

Global Id: T0611100523
Latitude: 34.248858481
Longitude: -119.1610654
Status: Completed - Case Closed
Status Date: 10/07/2013
Case Worker: DPP
RB Case Number: C-89117
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0611100523
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611100523
Action Type: RESPONSE
Date: 10/22/2004
Action: Request for Closure

Global Id: T0611100523
Action Type: RESPONSE
Date: 06/30/2003
Action: Other Report / Document

Global Id: T0611100523
Action Type: RESPONSE
Date: 10/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: Other
Date: 09/05/1989
Action: Leak Discovery

Global Id: T0611100523
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0611100523
Action Type: RESPONSE
Date: 01/18/2011
Action: Request for Closure

Global Id: T0611100523
Action Type: RESPONSE

VENTURA OIL (Continued) **S104228597**

Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0611100523
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0611100523
Action Type: RESPONSE
Date: 10/15/2011
Action: Other Report / Document

Global Id: T0611100523
Action Type: RESPONSE
Date: 01/15/2012
Action: Other Report / Document

Global Id: T0611100523
Action Type: REMEDIATION
Date: 02/01/2006
Action: Excavation

Global Id: T0611100523
Action Type: REMEDIATION
Date: 11/01/1990
Action: Excavation

Global Id: T0611100523
Action Type: REMEDIATION
Date: 12/01/1993
Action: Excavation

Global Id: T0611100523
Action Type: REMEDIATION
Date: 03/01/1992
Action: Excavation

Global Id: T0611100523
Action Type: REMEDIATION
Date: 09/01/1989
Action: Excavation

Global Id: T0611100523
Action Type: REMEDIATION
Date: 08/01/1998
Action: Excavation

Global Id: T0611100523
Action Type: ENFORCEMENT
Date: 01/23/2006
Action: Staff Letter

Global Id: T0611100523
Action Type: ENFORCEMENT
Date: 10/07/2013
Action: Closure/No Further Action Letter

VENTURA OIL (Continued) **S104228597**

Global Id: T0611100523
Action Type: Other
Date: 09/06/1989
Action: Leak Stopped

Global Id: T0611100523
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 10/15/2005
Action: Other Report / Document

Global Id: T0611100523
Action Type: RESPONSE
Date: 10/15/2005
Action: Other Report / Document

Global Id: T0611100523
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: ENFORCEMENT
Date: 07/17/2013
Action: Notification - Preclosure

Global Id: T0611100523
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE

VENTURA OIL (Continued) **S104228597**

Date: 01/15/2013
Action: Other Report / Document

Global Id: T0611100523
Action Type: Other
Date: 09/07/1989
Action: Leak Reported

Global Id: T0611100523
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 10/01/2008
Action: Correspondence

Global Id: T0611100523
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 07/15/2007
Action: Soil and Water Investigation Report

Global Id: T0611100523
Action Type: RESPONSE
Date: 01/15/2014
Action: Well Destruction Report

Global Id: T0611100523
Action Type: ENFORCEMENT
Date: 09/07/1989
Action: * Historical Enforcement

VENTURA OIL (Continued) **S104228597**

Global Id: T0611100523
Action Type: ENFORCEMENT
Date: 05/14/2003
Action: * Historical Enforcement - #30

Global Id: T0611100523
Action Type: ENFORCEMENT
Date: 01/01/2003
Action: * Historical Enforcement

Global Id: T0611100523
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0611100523
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: ENFORCEMENT
Date: 07/16/2003
Action: * Historical Enforcement - #31

Global Id: T0611100523
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0611100523
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0611100523
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0611100523
Action Type: ENFORCEMENT
Date: 09/22/2004
Action: LOP Case Closure Summary to RB - #32

Global Id: T0611100523
Action Type: ENFORCEMENT

VENTURA OIL (Continued) **S104228597**

Date: 09/20/2005
Action: Staff Letter

Global Id: T0611100523
Action Type: ENFORCEMENT
Date: 06/13/2005
Action: * Referral to Regional Board or Another State Agency - #33

Global Id: T0611100523
Action Type: ENFORCEMENT
Date: 05/31/2005
Action: * No Action

LUST:
Global Id: T0611100523
Status: Open - Case Begin Date
Status Date: 09/05/1989

Global Id: T0611100523
Status: Open - Site Assessment
Status Date: 09/07/1989

Global Id: T0611100523
Status: Open - Remediation
Status Date: 03/15/1991

Global Id: T0611100523
Status: Open - Site Assessment
Status Date: 03/15/1991

Global Id: T0611100523
Status: Open - Eligible for Closure
Status Date: 02/19/2013

Global Id: T0611100523
Status: Completed - Case Closed
Status Date: 10/07/2013

CPS-SLIC:
Name: GP VENTURA OIL BULK TERMINAL
Address: 3815 VINEYARD AVENUE
City,State,Zip: OXNARD, CA 93003
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 01/25/2006
Global Id: SL0611116730
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 34.248455
Longitude: -119.160847
Case Type: Cleanup Program Site
Case Worker: DPP
Local Agency: Not reported
RB Case Number: 0001279
File Location: Not reported

VENTURA OIL (Continued) **S104228597**

Potential Media Affected: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

VENTURA CO. BWT:
Name: GENERAL PETROLEUM
Address: 3815 VINEYARD AVE
City,State,Zip: OXNARD, CA
Facility ID: HM 3589
Program: Not reported

Name: GENERAL PETROLEUM
Address: 3815 VINEYARD AVE
City,State,Zip: OXNARD, CA
Facility ID: HM 3845
Program: Not reported

Name: SC FUELS
Address: 3815 VINEYARD AVE
City,State,Zip: OXNARD, CA
Facility ID: FA0032616
Program: BUSINESS PLAN/ABOVEGROUND PETROLEUM TANKS >10,000 GALLONS/CUPA
UNDERGROUND TANKS/HAZARDOUS WASTE GENERATOR

EMI:
Name: GENERAL PETROLEUM
Address: 3815 VINEYARD AVENUE
City,State,Zip: OXNARD, CA 93030
Year: 2011
County Code: 56
Air Basin: SCC
Facility ID: 569
Air District Name: VEN
SIC Code: 5171
Air District Name: VENTURA COUNTY APCD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0.67
Reactive Organic Gases Tons/Yr: 0.667248
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

HIST CORTESE:
edr_fname: VENTURA OIL
edr_fadd1: 3815 VINEYARD
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-89117

VENTURA OIL (Continued) **S104228597**

NPDES:

Name:	SOUTHERN COUNTIES OIL CO LP
Address:	3815 VINEYARD AVE
City,State,Zip:	OXNARD, CA 93030
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 56I024392
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	08/02/2013
Operator Name:	Southern Counties Oil Co LP
Operator Address:	1800 W Katella Ave Ste 400
Operator City:	Orange
Operator State:	California
Operator Zip:	92867

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	440187
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 56I024392
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/02/2013
Processed Date:	08/02/2013
Status:	Active
Status Date:	08/02/2013
Place Size:	1
Place Size Unit:	Acres

VENTURA OIL (Continued) **S104228597**

Contact:	John Gallegos
Contact Title:	EHSS
Contact Phone:	310-245-7092
Contact Phone Ext:	Not reported
Contact Email:	gallegosj@scfuels.com
Operator Name:	Southern Counties Oil Co LP
Operator Address:	1800 W Katella Ave Ste 400
Operator City:	Orange
Operator State:	California
Operator Zip:	92867
Operator Contact:	John Gallegos
Operator Contact Title:	EHSS
Operator Contact Phone:	310-245-7092
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	gallegosj@scfuels.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	310-245-7092
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Ventura County Stormwater Catch Basin
Certifier:	JOHN GALLEGOS
Certifier Title:	EHS Supervisor
Certification Date:	01-NOV-16
Primary Sic:	5171-Petroleum Bulk Stations and Terminals
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	440187
Order Number:	97-03-DWQ

VENTURA OIL (Continued) **S104228597**

Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 56I024392
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/02/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Southern Counties Oil Co LP
Discharge Address:	1800 W Katella Ave Ste 400
Discharge City:	Orange
Discharge State:	California
Discharge Zip:	92867
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported

VENTURA OIL (Continued) **S104228597**

Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	SOUTHERN COUNTIES OIL CO LP
Address:	3815 VINEYARD AVE
City,State,Zip:	OXNARD, CA 93030
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	440187
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 56I024392
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/02/2013
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1800 W Katella Ave Ste 400
Discharge Name:	Southern Counties Oil Co LP
Discharge City:	Orange
Discharge State:	California
Discharge Zip:	92867
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	440187
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 56I024392
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported

VENTURA OIL (Continued) **S104228597**

Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	08/02/2013
Processed Date:	08/02/2013
Status:	Active
Status Date:	08/02/2013
Place Size:	1
Place Size Unit:	Acres
Contact:	John Gallegos
Contact Title:	EHSS
Contact Phone:	310-245-7092
Contact Phone Ext:	Not reported
Contact Email:	gallegosj@scfuels.com
Operator Name:	Southern Counties Oil Co LP
Operator Address:	1800 W Katella Ave Ste 400
Operator City:	Orange
Operator State:	California
Operator Zip:	92867
Operator Contact:	John Gallegos
Operator Contact Title:	EHSS
Operator Contact Phone:	310-245-7092
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	gallegosj@scfuels.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	310-245-7092
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Ventura County Stormwater Catch Basin
Certifier:	JOHN GALLEGOS

VENTURA OIL (Continued) **S104228597**

Certifier Title:	EHS Supervisor
Certification Date:	01-NOV-16
Primary Sic:	5171-Petroleum Bulk Stations and Terminals
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	440187
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 56I024392
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/02/2013
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Southern Counties Oil Co LP
Discharge Address:	1800 W Katella Ave Ste 400
Discharge City:	Orange
Discharge State:	California
Discharge Zip:	92867
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported

VENTURA OIL (Continued) **S104228597**

Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	SOUTHERN COUNTIES OIL CO LP
Address:	3815 VINEYARD AVE
City,State,Zip:	OXNARD, CA 93030
Agency:	Southern Counties Oil Co LP
Agency Address:	1800 W Katella Ave Ste 400, Orange, CA 92867
Place/Project Type:	Industrial - Petroleum Bulk Stations and Terminals
SIC/NAICS:	5171
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 56I024392
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	08/02/2013
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	1
Violations within 5 years:	1
Latitude:	34.2488
Longitude:	-119.16124

CERS:

Name:	VENTURA OIL

VENTURA OIL (Continued) **S104228597**

Address: 3815 VINEYARD AVE
City,State,Zip: OXNARD, CA 93030
Site ID: 187457
CERS ID: T0611100523
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

Name: GP VENTURA OIL BULK TERMINAL
Address: 3815 VINEYARD AVENUE
City,State,Zip: OXNARD, CA 93003
Site ID: 221803
CERS ID: SL0611116730
CERS Description: Cleanup Program Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

Name: SOUTHERN COUNTIES OIL CO LP
Address: 3815 VINEYARD AVE
City,State,Zip: OXNARD, CA 93030
Site ID: 542947
CERS ID: 824940
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 542947
Site Name: Southern Counties Oil Co LP
Violation Date: 07-02-2014
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit the 2013-14 Annual Report
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Enforcement Action:
Site ID: 542947
Site Name: Southern Counties Oil Co LP

VENTURA OIL (Continued) **S104228597**

Site Address:	3815 VINEYARD AVE
Site City:	OXNARD
Site Zip:	93030
Enf Action Date:	11-18-2014
Enf Action Type:	Industrial Storm Water Enforcement
Enf Action Description:	Industrial Storm Water Enforcement
Enf Action Notes:	1st notice (NNC) issued for failure to submit the 2013-14 Annual Report
Enf Action Division:	Water Boards
Enf Action Program:	INDSTW
Enf Action Source:	SMARTS

Affiliation:

Affiliation Type Desc:	Owner/Operator
Entity Name:	Southern Counties Oil Co LP
Entity Title:	Operator
Affiliation Address:	1800 W Katella Ave Ste 400
Affiliation City:	Orange
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92867
Affiliation Phone:	Not reported

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OXNARD	S100539068	SANTA CLARA/MAXWELL SWIFT/CONNOLLY	VENTURA RD.	93030	ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 30

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/22/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 12/17/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 55
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/19/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 71
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/26/2020
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/03/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/14/2020
Number of Days to Update: 72

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 10/02/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/11/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/10/2019
Date Data Arrived at EDR: 12/05/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 67

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/04/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/27/2020
Number of Days to Update: 85

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2019
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 68

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/05/2020
Number of Days to Update: 73

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/01/2020
Date Data Arrived at EDR: 06/02/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/15/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/23/2020
Number of Days to Update: 69

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/01/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/19/2019
Date Data Arrived at EDR: 12/23/2019
Date Made Active in Reports: 02/21/2020
Number of Days to Update: 60

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 08/01/2019
Date Data Arrived at EDR: 08/02/2019
Date Made Active in Reports: 10/11/2019
Number of Days to Update: 70

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks
List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/03/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 70

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/24/2019
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 68

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 1

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/28/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/18/2020
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 79

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 10/23/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 84

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/05/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 149

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019
Date Data Arrived at EDR: 10/25/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 82

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/05/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/01/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/08/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/28/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/17/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 49

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 03/31/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 50

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/11/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 86

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/16/2018
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/22/2020
Number of Days to Update: 84

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/05/2020
Date Data Arrived at EDR: 03/06/2020
Date Made Active in Reports: 05/29/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/19/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/28/2020
Number of Days to Update: 86

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 01/17/2019
Date Made Active in Reports: 04/01/2019
Number of Days to Update: 74

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/05/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/07/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 85
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/19/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 03/24/2020
Date Made Active in Reports: 06/05/2020
Number of Days to Update: 73
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/22/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 02/03/2020
Date Data Arrived at EDR: 02/04/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 65

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 02/27/2020
Date Data Arrived at EDR: 02/28/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 69

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 12/04/2019
Date Data Arrived at EDR: 01/29/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 71

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/25/2020
Date Data Arrived at EDR: 03/26/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 81

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/24/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 59

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/16/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 04/07/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 8

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/03/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 02/19/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 05/29/2019
Date Made Active in Reports: 07/22/2019
Number of Days to Update: 54

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/15/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/06/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 58

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/12/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 72

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 72

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/12/2020
Date Data Arrived at EDR: 03/13/2020
Date Made Active in Reports: 05/21/2020
Number of Days to Update: 69

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/09/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/19/2020
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/21/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 05/13/2020
Date Data Arrived at EDR: 05/13/2020
Date Made Active in Reports: 05/15/2020
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
The Hazardous Waste Tracking System (HWTS) is the Department of Toxic Substances Control?s data repository for hazardous waste Identification (ID) numbers and manifest information. HWTS generates reports on hazardous waste shipments for generators, transporters, and TSDFs.

Date of Government Version: 10/15/2019
Date Data Arrived at EDR: 11/14/2019
Date Made Active in Reports: 02/07/2020
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 06/08/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/21/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners
EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/06/2020
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 59

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 05/18/2020
Date Data Arrived at EDR: 05/19/2020
Date Made Active in Reports: 06/01/2020
Number of Days to Update: 13

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 05/18/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 03/27/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/04/2020
Date Made Active in Reports: 06/01/2020
Number of Days to Update: 89

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/06/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 02/14/2020
Date Data Arrived at EDR: 02/18/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 66

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 12/27/2019
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 72

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/03/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 62

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/10/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 05/19/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 26

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 67

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/31/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/13/2020
Date Data Arrived at EDR: 02/14/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 70

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 01/15/2020
Date Data Arrived at EDR: 01/16/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 76

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/13/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 01/31/2020
Date Made Active in Reports: 04/09/2020
Number of Days to Update: 69

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/26/2020
Date Data Arrived at EDR: 03/26/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 81

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 03/26/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/13/2020
Date Data Arrived at EDR: 01/14/2020
Date Made Active in Reports: 03/24/2020
Number of Days to Update: 70

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 01/15/2019
Date Made Active in Reports: 03/07/2019
Number of Days to Update: 51

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills

This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/17/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory

A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory

A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 06/25/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 01/14/2020
Date Made Active in Reports: 03/24/2020
Number of Days to Update: 70

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/14/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/27/2019
Date Data Arrived at EDR: 07/30/2019
Date Made Active in Reports: 10/02/2019
Number of Days to Update: 64

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 02/25/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2019
Date Data Arrived at EDR: 11/20/2019
Date Made Active in Reports: 01/03/2020
Number of Days to Update: 44

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/21/2020
Date Data Arrived at EDR: 03/05/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 69

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 11/06/2019
Date Data Arrived at EDR: 11/07/2019
Date Made Active in Reports: 01/08/2020
Number of Days to Update: 62

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 04/13/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/05/2020
Date Data Arrived at EDR: 02/06/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 69

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/06/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/04/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 02/04/2020
Date Made Active in Reports: 04/10/2020
Number of Days to Update: 66

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/05/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 03/10/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 70

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 02/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 03/10/2020
Date Data Arrived at EDR: 03/11/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 70

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2020
Next Scheduled EDR Contact: 07/13/2020
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 02/12/2020
Date Data Arrived at EDR: 02/13/2020
Date Made Active in Reports: 04/23/2020
Number of Days to Update: 70

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 02/25/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 71

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/13/2020
Number of Days to Update: 71

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/02/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56
Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 12/26/2019
Date Data Arrived at EDR: 01/22/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 70
Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 01/08/2020
Date Data Arrived at EDR: 01/09/2020
Date Made Active in Reports: 03/06/2020
Number of Days to Update: 57
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/10/2020
Next Scheduled EDR Contact: 09/28/2020
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/12/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/03/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/14/2020
Date Data Arrived at EDR: 02/19/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 65

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/15/2020
Next Scheduled EDR Contact: 09/07/2020
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 04/22/2020
Date Data Arrived at EDR: 04/24/2020
Date Made Active in Reports: 05/07/2020
Number of Days to Update: 13
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 04/23/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90
Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51
Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/07/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/26/2020
Next Scheduled EDR Contact: 09/13/2020
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/02/2020
Date Data Arrived at EDR: 03/04/2020
Date Made Active in Reports: 05/14/2020
Number of Days to Update: 71
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/23/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 02/25/2020
Date Data Arrived at EDR: 02/26/2020
Date Made Active in Reports: 03/11/2020
Number of Days to Update: 14

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/03/2020
Date Made Active in Reports: 03/05/2020
Number of Days to Update: 62

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/17/2020
Next Scheduled EDR Contact: 10/05/2020
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/04/2020
Date Data Arrived at EDR: 02/05/2020
Date Made Active in Reports: 04/15/2020
Number of Days to Update: 70

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 01/23/2020
Date Data Arrived at EDR: 03/03/2020
Date Made Active in Reports: 05/08/2020
Number of Days to Update: 66

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/27/2020
Next Scheduled EDR Contact: 09/14/2020
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 03/16/2020
Date Data Arrived at EDR: 03/17/2020
Date Made Active in Reports: 05/26/2020
Number of Days to Update: 70

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/21/2020
Date Data Arrived at EDR: 01/23/2020
Date Made Active in Reports: 03/30/2020
Number of Days to Update: 67

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 02/10/2020
Date Data Arrived at EDR: 02/11/2020
Date Made Active in Reports: 04/20/2020
Number of Days to Update: 69

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/17/2020
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/09/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/26/2019
Date Data Arrived at EDR: 01/24/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 68

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 12/26/2019
Date Data Arrived at EDR: 01/24/2020
Date Made Active in Reports: 04/01/2020
Number of Days to Update: 68
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/20/2020
Next Scheduled EDR Contact: 08/03/2020
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 03/10/2020
Date Made Active in Reports: 05/20/2020
Number of Days to Update: 71
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/09/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/23/2020
Date Data Arrived at EDR: 04/01/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 77
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/24/2020
Next Scheduled EDR Contact: 10/12/2020
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/27/2020
Date Data Arrived at EDR: 02/12/2020
Date Made Active in Reports: 04/23/2020
Number of Days to Update: 71
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/16/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/30/2020
Date Data Arrived at EDR: 01/30/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 39
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/12/2020
Next Scheduled EDR Contact: 08/24/2020
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/10/2020
Next Scheduled EDR Contact: 07/20/2020
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 05/01/2019
Date Made Active in Reports: 06/21/2019
Number of Days to Update: 51

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/29/2020
Next Scheduled EDR Contact: 08/10/2020
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/02/2020
Next Scheduled EDR Contact: 07/27/2020
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/14/2020
Next Scheduled EDR Contact: 08/31/2020
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/04/2020
Next Scheduled EDR Contact: 09/21/2020
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

APN 144-011-022
3410 NORTH ROSE AVENUE
OXNARD, CA 93036

TARGET PROPERTY COORDINATES

Latitude (North):	34.233997 - 34° 14' 2.39''
Longitude (West):	119.152947 - 119° 9' 10.61''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	301705.1
UTM Y (Meters):	3790003.0
Elevation:	97 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5619402 OXNARD, CA
Version Date:	2012
North Map:	5619414 SATICOY, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

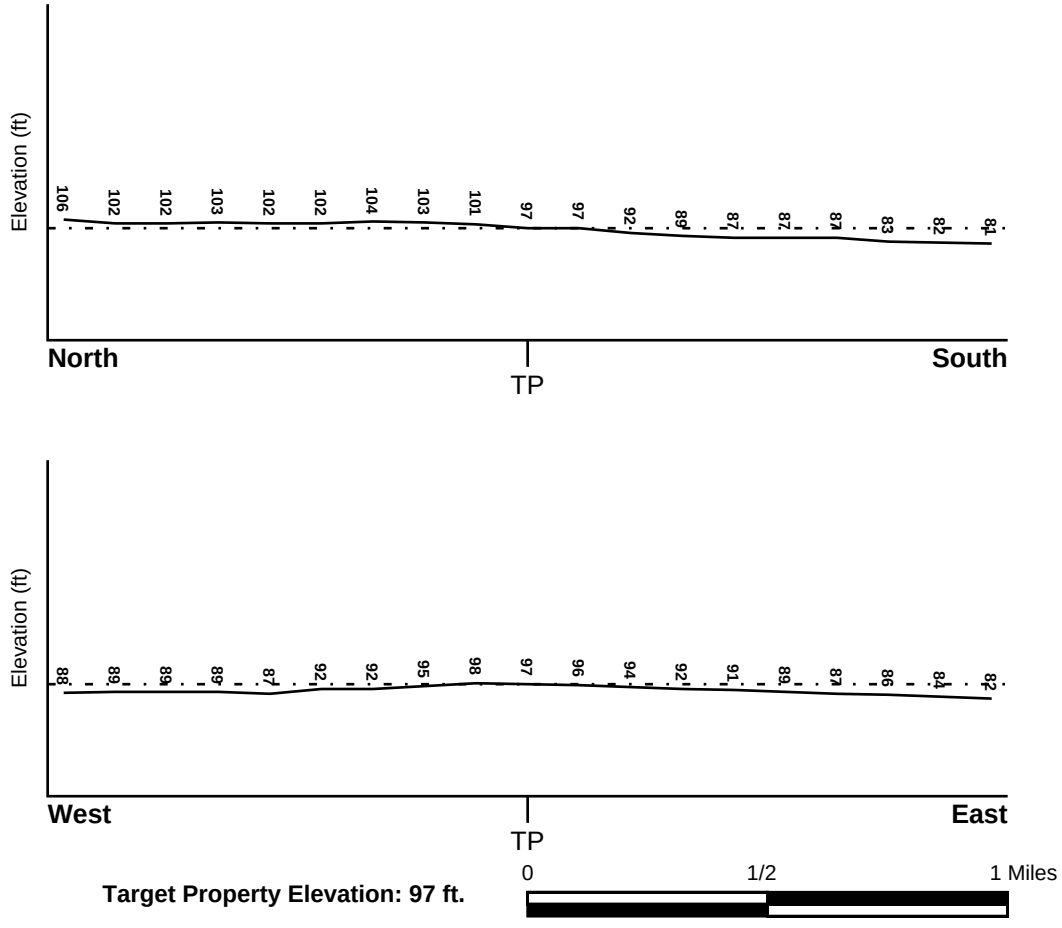
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06111C0910E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
OXNARD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

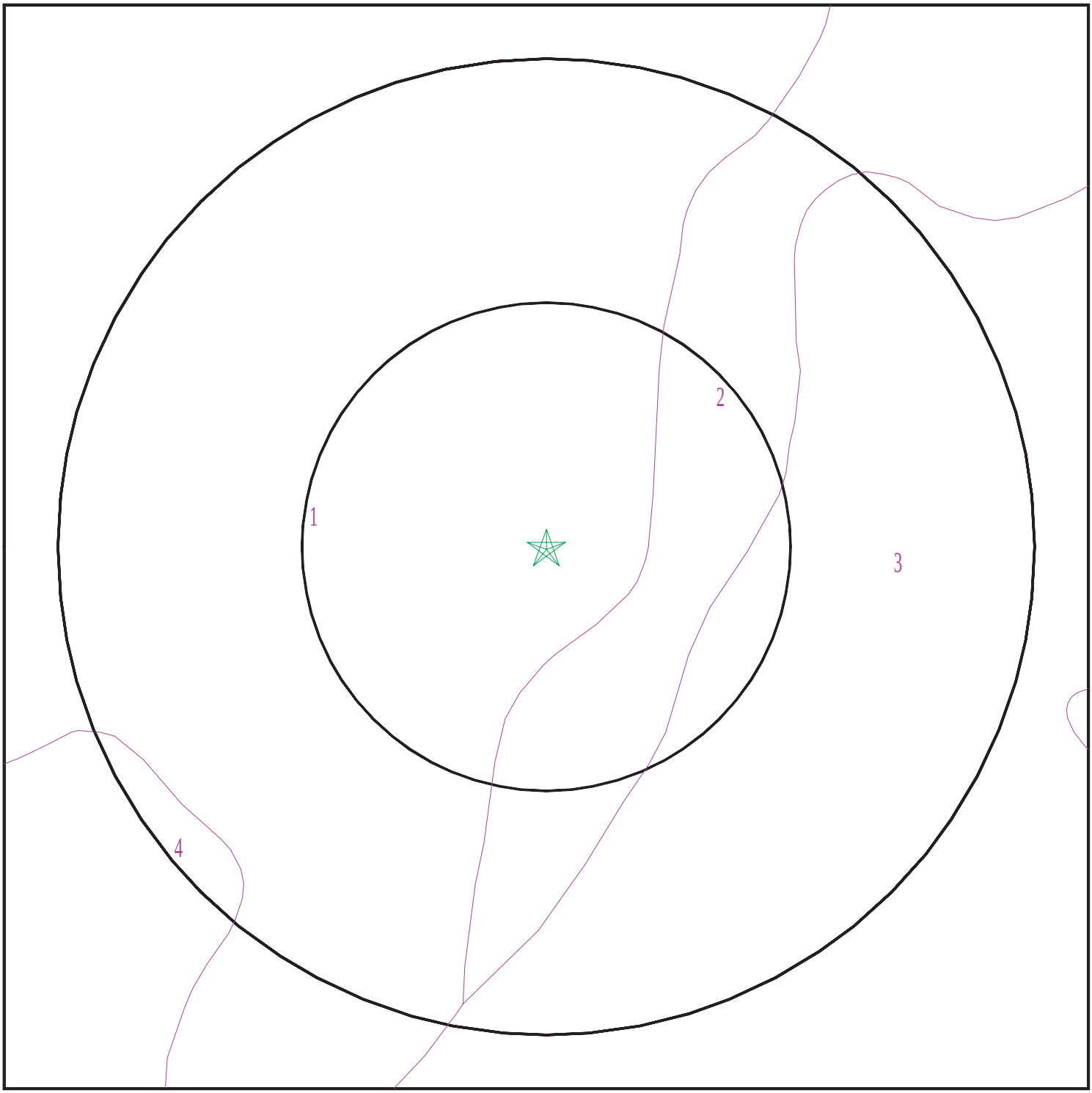
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6104542.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	APN 144-011-022	CLIENT:	Tetra Tech, Inc.
ADDRESS:	3410 North Rose Avenue Oxnard CA 93036	CONTACT:	Jim Steele
		INQUIRY #:	6104542.2s
LAT/LONG:	34.233997 / 119.152947	DATE:	June 26, 2020 10:17 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: PICO

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9
2	14 inches	53 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9
3	53 inches	59 inches	stratified gravelly sand to gravelly loamy coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: ANACAPA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	35 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	35 inches	59 inches	stratified coarse sandy loam to loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: CAMARILLO

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 107 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	24 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	24 inches	50 inches	stratified sandy loam to sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
3	50 inches	79 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9

Soil Map ID: 4

Soil Component Name: METZ

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	7 inches	59 inches	stratified sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
3	USGS40000142603	0 - 1/8 Mile West
6	USGS40000142609	1/8 - 1/4 Mile NW
12	USGS40000142583	1/2 - 1 Mile SW
15	USGS40000142574	1/2 - 1 Mile SSW
16	USGS40000142589	1/2 - 1 Mile SE
20	USGS40000142569	1/2 - 1 Mile South
F23	USGS40000142604	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F24	USGS40000142605	1/2 - 1 Mile West
F25	USGS40000142606	1/2 - 1 Mile West
E26	USGS40000142651	1/2 - 1 Mile NNE
G43	USGS40000142619	1/2 - 1 Mile ENE
H44	USGS40000142658	1/2 - 1 Mile North
H45	USGS40000142657	1/2 - 1 Mile North
H46	USGS40000142659	1/2 - 1 Mile North
H47	USGS40000142661	1/2 - 1 Mile North
H48	USGS40000142660	1/2 - 1 Mile North
G51	USGS40000142625	1/2 - 1 Mile ENE
I52	USGS40000142662	1/2 - 1 Mile NNW
H54	USGS40000142666	1/2 - 1 Mile North
56	USGS40000142629	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	2312	0 - 1/8 Mile SW
A2	2314	0 - 1/8 Mile WSW
B4	2313	0 - 1/8 Mile ESE
B5	2315	0 - 1/8 Mile ESE
C7	2284	1/8 - 1/4 Mile NW
C8	2283	1/4 - 1/2 Mile NW
9	CADWR8000007685	1/4 - 1/2 Mile NNE
10	CADWR8000007651	1/4 - 1/2 Mile SE
11	22660	1/4 - 1/2 Mile North
13	CADWR8000007701	1/2 - 1 Mile North
14	2316	1/2 - 1 Mile WSW
17	2317	1/2 - 1 Mile SW
D18	CADWR8000007721	1/2 - 1 Mile North
D19	2300	1/2 - 1 Mile North
21	2295	1/2 - 1 Mile NNW
E22	2301	1/2 - 1 Mile NNE
F27	2320	1/2 - 1 Mile West
F28	2319	1/2 - 1 Mile West
F29	2321	1/2 - 1 Mile West
F30	2318	1/2 - 1 Mile West
F31	2322	1/2 - 1 Mile West
32	2309	1/2 - 1 Mile SE
G33	CADWR8000007676	1/2 - 1 Mile ENE
G34	CADWR8000007678	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

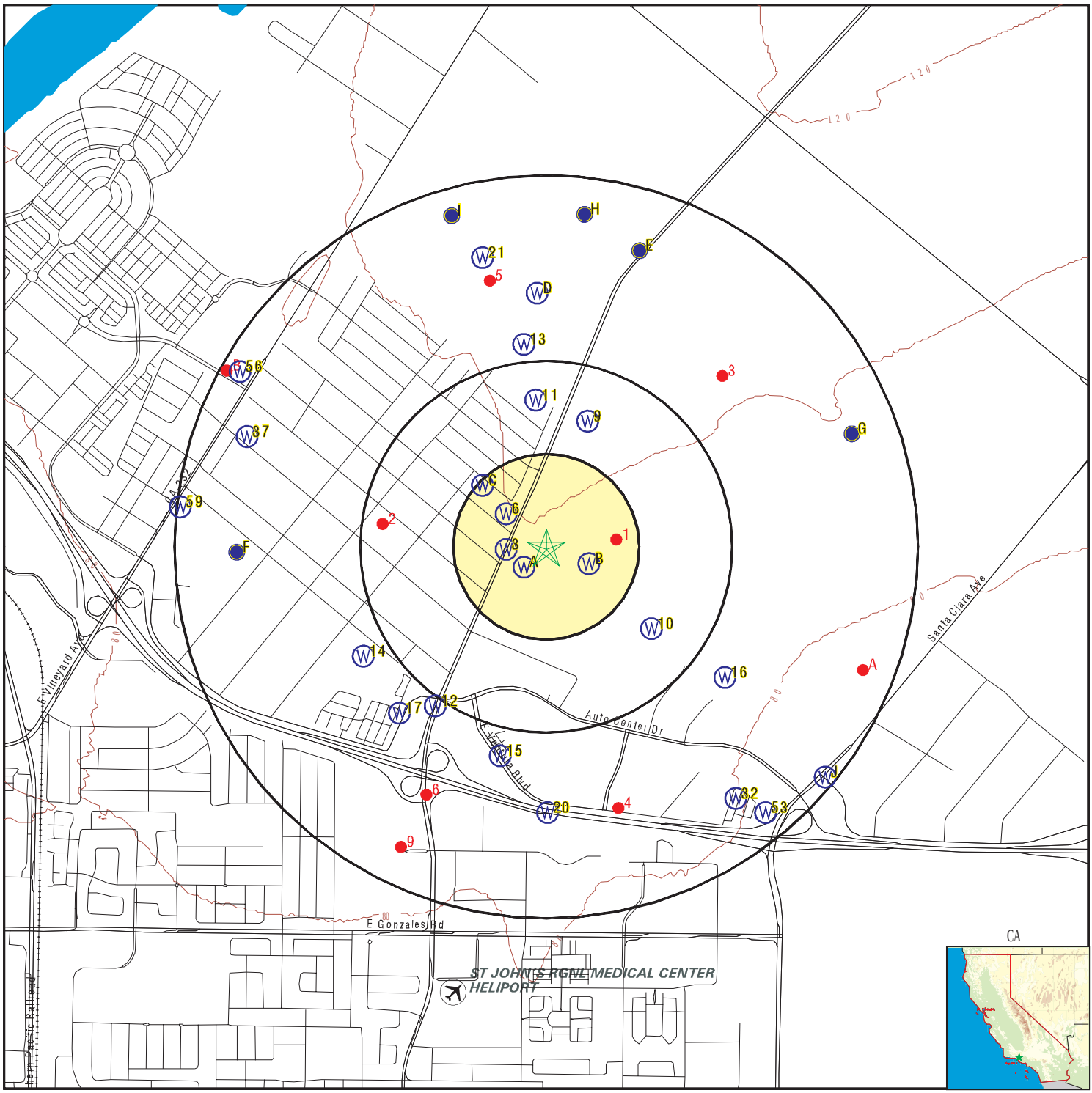
MAP ID	WELL ID	LOCATION FROM TP
E35	CADWR8000007730	1/2 - 1 Mile NNE
E36	CADWR8000007731	1/2 - 1 Mile NNE
37	CADWR8000007677	1/2 - 1 Mile WNW
H38	CADWR8000007741	1/2 - 1 Mile North
H39	CADWR8000007740	1/2 - 1 Mile North
H40	CADWR8000007744	1/2 - 1 Mile North
H41	CADWR8000007743	1/2 - 1 Mile North
H42	CADWR8000007742	1/2 - 1 Mile North
H49	CADWR8000007745	1/2 - 1 Mile North
H50	CADWR8000007746	1/2 - 1 Mile North
53	2310	1/2 - 1 Mile SE
I55	CADWR8000007747	1/2 - 1 Mile NNW
J57	2306	1/2 - 1 Mile SE
J58	2307	1/2 - 1 Mile SE
59	2285	1/2 - 1 Mile West

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG13000000488	1/8 - 1/4 Mile East
2	CAOG13000000464	1/4 - 1/2 Mile West
3	CAOG13000000489	1/2 - 1 Mile NE
4	CAOG13000000458	1/2 - 1 Mile SSE
5	CAOG13000000459	1/2 - 1 Mile NNW
6	CAOG13000000460	1/2 - 1 Mile SSW
A7	CAOG13000209452	1/2 - 1 Mile ESE
A8	CAOG13000209443	1/2 - 1 Mile ESE
9	CAOG13000000461	1/2 - 1 Mile SSW
A10	CAOG13000209444	1/2 - 1 Mile ESE
A11	CAOG13000209474	1/2 - 1 Mile ESE
A12	CAOG13000209473	1/2 - 1 Mile ESE
A13	CAOG13000209476	1/2 - 1 Mile ESE
A14	CAOG13000209448	1/2 - 1 Mile ESE
A15	CAOG13000209460	1/2 - 1 Mile ESE
A16	CAOG13000209464	1/2 - 1 Mile ESE
A17	CAOG13000209453	1/2 - 1 Mile ESE
A18	CAOG13000209461	1/2 - 1 Mile ESE
A19	CAOG13000209467	1/2 - 1 Mile ESE
A20	CAOG13000209468	1/2 - 1 Mile ESE
A21	CAOG13000209462	1/2 - 1 Mile ESE
A22	CAOG13000209472	1/2 - 1 Mile ESE
B23	CAOG13000093185	1/2 - 1 Mile WNW
B24	CAOG13000093180	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 6104542.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: APN 144-011-022	CLIENT: Tetra Tech, Inc.
ADDRESS: 3410 North Rose Avenue Oxnard CA 93036	CONTACT: Jim Steele
LAT/LONG: 34.233997 / 119.152947	INQUIRY #: 6104542.2s DATE: June 26, 2020 10:17 am

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Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
SW
0 - 1/8 Mile
Higher

CA WELLS 2312

Seq:	2312	Prim sta c:	02N/22W-26B03 S
Frds no:	5610046016	County:	56
District:	06	User id:	TAP
System no:	5610046	Water type:	G
Source nam:	WELL 14	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341359.7	Longitude:	1190910.6
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5610046	System nam:	United Wtr Cons Dist
Hqname:	Not Reported	Address:	106 N. 8th Street
City:	Santa Paula	State:	CA
Zip:	93060	Zip ext:	Not Reported
Pop serv:	0	Connection:	16
Area serve:	OXNARD-PORT HUENEME		

Sample date:	07-MAR-18	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-MAR-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	23-FEB-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-FEB-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-JAN-18	Finding:	940.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	22-JAN-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-JAN-18	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	22-JAN-18	Finding:	441.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	17-JAN-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	10-JAN-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-JAN-18	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-DEC-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-DEC-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-NOV-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	12.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	0.62
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	31-OCT-17	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	516.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	139.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	41.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	100.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	31-OCT-17	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	150.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	90.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	31-OCT-17	Finding:	950.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1.
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	25.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	31-OCT-17	Finding:	451.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-OCT-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-SEP-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-SEP-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-AUG-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-AUG-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-AUG-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JUL-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-17	Finding:	451.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-JUL-17	Finding:	2.87
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	13-JUL-17	Finding:	940.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	2.62
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-17	Finding:	1320.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	6.43
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	03-JUL-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUN-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUN-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-JUN-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAY-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAY-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAY-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-MAY-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	19-APR-17	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-APR-17	Finding:	3.13
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-APR-17	Finding:	513.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	138.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	41.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	100.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	49.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	437.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	200.
Chemical:	IRON	Report units:	UG/L

Dlr:	100.		
Sample date:	19-APR-17	Finding:	2.69
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	950.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	27.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	451.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	13.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.1
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	8.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-FEB-17	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-FEB-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-JAN-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JAN-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-JAN-17	Finding:	940.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	09-JAN-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-JAN-17	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	457.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-JAN-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-DEC-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-DEC-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-NOV-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-NOV-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-NOV-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-NOV-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	39.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.9
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	458.
Chemical:	RADON 222	Report units:	PCI/L

Dlr:	100.		
Sample date:	27-OCT-16	Finding:	31.6
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	27-OCT-16	Finding:	0.7
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	960.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	27-OCT-16	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	27-OCT-16	Finding:	461.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-OCT-16	Finding:	48.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	27-OCT-16	Finding:	495.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	27-OCT-16	Finding:	134.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	89.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-OCT-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-OCT-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-OCT-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-SEP-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-SEP-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-AUG-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	26-JUL-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	398.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUL-16	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUL-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUN-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JUN-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUN-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-MAY-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAY-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAY-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	03-MAY-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-APR-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-APR-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	110.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	50.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	05-APR-16	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.5
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	31.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	440.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	21.9
Chemical:	BARIUM	Report units:	UG/L

Dlr:	100.		
Sample date:	05-APR-16	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	49.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	88.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	38.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	121.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	458.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-MAR-16	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAR-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	15-MAR-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-MAR-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-FEB-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-FEB-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JAN-16	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-16	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	960.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-JAN-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-DEC-15	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-15	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	14-DEC-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-DEC-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-DEC-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-NOV-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-NOV-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-NOV-15	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-15	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-OCT-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	1350.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-OCT-15	Finding:	499.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	19-OCT-15	Finding:	134.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	40.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	96.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	54.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-OCT-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	20.5
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	19-OCT-15	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	90.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	19-OCT-15	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	4.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-OCT-15	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	28.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	163.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-OCT-15	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-OCT-15	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-SEP-15	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-SEP-15	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-SEP-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-15	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-15	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-AUG-15	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-AUG-15	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	03-AUG-15	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JUL-15	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JUL-15	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-JUL-15	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-15	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-15	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUL-15	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUL-15	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUN-15	Finding:	6.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-15	Finding:	6.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUN-15	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUN-15	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	18-MAY-15	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAY-15	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAY-15	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-APR-15	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-APR-15	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	351.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	11.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-APR-15	Finding:	22.5
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	2.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	14-APR-15	Finding:	4.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	50.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	14-APR-15	Finding:	60.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	14-APR-15	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	20.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	51.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	100.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	43.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	133.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	509.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	6.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1320.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-APR-15	Finding:	5.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-APR-15	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	24-MAR-15	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-MAR-15	Finding:	4.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAR-15	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAR-15	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-15	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-FEB-15	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-FEB-15	Finding:	6.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JAN-15	Finding:	6.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	990.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-JAN-15	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-DEC-14	Finding:	6.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-DEC-14	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	01-DEC-14	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-NOV-14	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-NOV-14	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-NOV-14	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-14	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-OCT-14	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-OCT-14	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-14	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-14	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	15-OCT-14	Finding:	24.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	386.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	11.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	1100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-OCT-14	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	6.9
Chemical:	PH, LABORATORY	Report units:	Not Reported

Dlr:	0.		
Sample date:	15-OCT-14	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	15-OCT-14	Finding:	550.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	148.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	44.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	105.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	49.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-OCT-14	Finding:	21.1
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	130.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	90.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		

Sample date:	08-OCT-14	Finding:	5.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-14	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-SEP-14	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-14	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-SEP-14	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-14	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-14	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-14	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-AUG-14	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JUL-14	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUL-14	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	505.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JUL-14	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	4.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	16-APR-14	Finding:	200.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-APR-14	Finding:	40.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	16-APR-14	Finding:	1.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-APR-14	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-APR-14	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-APR-14	Finding:	29.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	383.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	16-APR-14	Finding:	13.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-APR-14	Finding:	1000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-APR-14	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-APR-14	Finding:	21.8
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	16-APR-14	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-APR-14	Finding:	466.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-APR-14	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	16-APR-14	Finding:	98.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	43.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	142.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	531.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	16-APR-14	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-APR-14	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-APR-14	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-JAN-14	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	0.538
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1.
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	3.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	08-OCT-13	Finding:	28.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	457.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	12.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-13	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.478
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	08-OCT-13	Finding:	0.332
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.36
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	08-OCT-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	08-OCT-13	Finding:	1.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-OCT-13	Finding:	588.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	158.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	47.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	103.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	52.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-OCT-13	Finding:	21.3
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	80.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	3.3e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	09-JUL-13	Finding:	2.56
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	09-JUL-13	Finding:	3.26
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	7.85
Chemical:	GROSS ALPHA	Report units:	PCI/L

Dlr:	3.		
Sample date:	09-JUL-13	Finding:	520.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUL-13	Finding:	4.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUL-13	Finding:	1.06
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	0.414
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	2.52
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	49.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-APR-13	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-APR-13	Finding:	22.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	10-APR-13	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	10-APR-13	Finding:	1.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	4.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-APR-13	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	10-APR-13	Finding:	25.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	457.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	13.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-APR-13	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	103.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	44.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	151.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	558.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-APR-13	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported

Dlr:	0.		
Sample date:	10-APR-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	500.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	26.5
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	6.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	16-OCT-12	Finding:	340.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	16-OCT-12	Finding:	280.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	23.5
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	16-OCT-12	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	100.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	44.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	146.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	545.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	16-OCT-12	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	8.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	4.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	16-OCT-12	Finding:	1.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	214.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	13.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	1100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JUL-12	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JUL-12	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	431.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	27.
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	2.
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	0.7
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	800.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	17-APR-12	Finding:	800.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		

Sample date:	17-APR-12	Finding:	24.9
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-APR-12	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	101.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	44.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	151.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	558.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	0.5
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	17-APR-12	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-JAN-12	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	03-JAN-12	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JAN-12	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

A2
WSW
0 - 1/8 Mile
Higher

CA WELLS 2314

Seq:	2314	Prim sta c:	02N/22W-26C03 S
Frds no:	5602406001	County:	56
District:	06	User id:	TAP
System no:	5602406	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341400.0	Longitude:	1190912.0
Precision:	2	Status:	AR
Comment 1:	OXNARD	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5602406	System nam:	Rio School Dist/Rio Del Valle School
Hqname:	Not Reported	Address:	3300 CORTEZ STREET
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	550	Connection:	196
Area serve:	Not Reported		

3
West
0 - 1/8 Mile
Higher

FED USGS USGS40000142603

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W26C003S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19481201	Well Depth:	240
Well Depth Units:	ft	Well Hole Depth:	240
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B4
ESE
0 - 1/8 Mile
Lower

CA WELLS **2313**

Seq:	2313	Prim sta c:	02N/22W-26C01 S
Frds no:	5610056001	County:	56
District:	06	User id:	TAP
System no:	5610056	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1190900.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5610056	System nam:	Vineyard Ave Estates Mwc - El Rio
Hqname:	Not Reported	Address:	P O BOX 5065
City:	OXNARD	State:	Not Reported
Zip:	93031	Zip ext:	Not Reported
Pop serv:	1200	Connection:	344
Area serve:	EL RIO		

Sample date:	02-APR-15	Finding:	240.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	07-JAN-15	Finding:	224.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	03-DEC-14	Finding:	202.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	05-NOV-14	Finding:	204.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	01-OCT-14	Finding:	306.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	01-OCT-14	Finding:	4.53
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	01-OCT-14	Finding:	42000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-OCT-14	Finding:	12.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	01-OCT-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	01-OCT-14	Finding:	2.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	01-OCT-14	Finding:	0.8
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	2020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	4.87
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	71.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	01-OCT-14	Finding:	4.
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	01-OCT-14	Finding:	9.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	01-OCT-14	Finding:	50.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	01-OCT-14	Finding:	190.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-OCT-14	Finding:	900.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-OCT-14	Finding:	49.5
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	01-OCT-14	Finding:	7.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-OCT-14	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-OCT-14	Finding:	810.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	92.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	7.
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	01-OCT-14	Finding:	2500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	280.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	350.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	1230.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	114.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	144.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	1.8
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-OCT-13	Finding:	82.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-13	Finding:	92.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-AUG-13	Finding:	65.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUN-13	Finding:	26.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-13	Finding:	22.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAY-12	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-12	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	02-MAR-12	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAR-12	Finding:	0.394
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-MAR-12	Finding:	0.203
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JAN-12	Finding:	6.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

B5
ESE
0 - 1/8 Mile
Lower

CA WELLS 2315

Seq:	2315	Prim sta c:	02N/22W-26C05 S
Frds no:	5610056002	County:	56
District:	06	User id:	TAP
System no:	5610056	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1190900.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5610056	System nam:	Vineyard Ave Estates Mwc - El Rio
Hqname:	Not Reported	Address:	P O BOX 5065
City:	OXNARD	State:	Not Reported
Zip:	93031	Zip ext:	Not Reported
Pop serv:	1200	Connection:	344
Area serve:	EL RIO		
Sample date:	08-APR-16	Finding:	38.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-JAN-16	Finding:	33.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-OCT-15	Finding:	36.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-SEP-15	Finding:	82.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	36000.

Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-SEP-15	Finding:	12.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	02-SEP-15	Finding:	0.8
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	2100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	55.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	02-SEP-15	Finding:	2540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	280.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	350.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	36.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-SEP-15	Finding:	1240.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	313.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	112.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	141.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	1.7
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		

Sample date:	02-SEP-15	Finding:	7.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	1020.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-SEP-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-SEP-15	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-SEP-15	Finding:	49.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	02-SEP-15	Finding:	900.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-SEP-15	Finding:	4.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	02-SEP-15	Finding:	60.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-SEP-15	Finding:	3.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	04-AUG-15	Finding:	35.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAY-14	Finding:	94.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-14	Finding:	92.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-14	Finding:	97.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-FEB-14	Finding:	84.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-14	Finding:	9.09
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	02-JAN-14	Finding:	2.45
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	02-JAN-14	Finding:	7.67
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	02-JAN-14	Finding:	76.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-14	Finding:	1.67
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-JAN-14	Finding:	2.22
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-JAN-14	Finding:	0.343
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-DEC-13	Finding:	77.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-13	Finding:	60.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-13	Finding:	42.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-13	Finding:	37.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-AUG-13	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-13	Finding:	9.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-MAR-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-FEB-13	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JAN-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-NOV-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	01-OCT-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-AUG-12	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAY-12	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-12	Finding:	6.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAR-12	Finding:	6.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-FEB-12	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JAN-12	Finding:	6.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

6
NW
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000142609**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W26C005S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19570201	Well Depth:	380
Well Depth Units:	ft	Well Hole Depth:	380
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C7
NW
1/8 - 1/4 Mile
Higher

CA WELLS **2284**

Seq:	2284	Prim sta c:	02N/22W-22Q03 S
Frds no:	5602106002	County:	56
District:	86	User id:	56C
System no:	5602106	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341411.0	Longitude:	1190917.0
Precision:	2	Status:	AR
Comment 1:	WELL IS MORE NORTHERLY OF THE TWO	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5602106	System nam:	El Rio Mutual Water Co
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

C8
NW
1/4 - 1/2 Mile
Higher

CA WELLS **2283**

Seq:	2283	Prim sta c:	02N/22W-22Q02 S
Frds no:	5602106001	County:	56
District:	86	User id:	56C
System no:	5602106	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341411.0	Longitude:	1190919.0
Precision:	2	Status:	AR
Comment 1:	WELL IS MORE SOUTHERLY OF THE TWO	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5602106	System nam:	El Rio Mutual Water Co
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

9
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR8000007685**

State Well #:	02N22W23K003S	Station ID:	27401
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
10 **SE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CADWR8000007651**

State Well #:	02N22W26H002S	Station ID:	46119
Well Name:	02N22W26H02S	Well Use:	Irrigation
Well Type:	Single Well	Well Depth:	680
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

	Database	
11 **North** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**22660**

Seq:	22660	Prim sta c:	F56/046-STA--01
Frds no:	5610046001	County:	56
District:	06	User id:	TAP
System no:	5610046	Water type:	G
Source nam:	SAMPLE STATION 01	Station ty:	DIST/AMBNT/MUN/INTAKE
Latitude:	341423.8	Longitude:	1190909.4
Precision:	3	Status:	AT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5610046	System nam:	United Wtr Cons Dist
Hqname:	Not Reported	Address:	106 N. 8th Street
City:	Santa Paula	State:	CA
Zip:	93060	Zip ext:	Not Reported
Pop serv:	0	Connection:	16
Area serve:	OXNARD-PORT HUENEME		

Sample date:	01-MAR-18	Finding:	507.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	01-MAR-18	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-MAR-18	Finding:	1540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	01-MAR-18	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	22-FEB-18	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	12-FEB-18	Finding:	8.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	12-FEB-18	Finding:	506.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-FEB-18	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-FEB-18	Finding:	21.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-FEB-18	Finding:	323.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	12-FEB-18	Finding:	1520.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-FEB-18	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-FEB-18	Finding:	7.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JAN-18	Finding:	2.21
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	0.949
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	1140.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	2.32
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	22-JAN-18	Finding:	2.85
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	538.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-JAN-18	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JAN-18	Finding:	1510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	0.342
Chemical:	URANIUM MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	17-JAN-18	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-JAN-18	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-JAN-18	Finding:	7.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-DEC-17	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-DEC-17	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-17	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-DEC-17	Finding:	8.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-17	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-DEC-17	Finding:	495.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-DEC-17	Finding:	7.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-NOV-17	Finding:	7.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	7.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-NOV-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-NOV-17	Finding:	23.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-NOV-17	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	08-NOV-17	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-NOV-17	Finding:	329.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	2.34
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	5.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	1.28
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	11.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	4.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	7.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	582.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	149.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	51.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	98.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.47
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	57.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	475.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	31-OCT-17	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	8.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	31-OCT-17	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	7.98
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	31-OCT-17	Finding:	2.55
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1.62
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	26-OCT-17	Finding:	40.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	26-OCT-17	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-OCT-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-OCT-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	05-OCT-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	26-SEP-17	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-SEP-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	12-SEP-17	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-SEP-17	Finding:	505.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-SEP-17	Finding:	7.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-SEP-17	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-AUG-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	28-AUG-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-17	Finding:	6.1
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	16-AUG-17	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-17	Finding:	22.4
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	09-AUG-17	Finding:	24.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-AUG-17	Finding:	6.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-AUG-17	Finding:	388.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	02-AUG-17	Finding:	529.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-AUG-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-AUG-17	Finding:	1510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-AUG-17	Finding:	1100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-17	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	13-JUL-17	Finding:	4.79
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	13-JUL-17	Finding:	1.35
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	13-JUL-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-17	Finding:	478.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-JUL-17	Finding:	0.47
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	1.48
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	3.4
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	13-JUL-17	Finding:	1090.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	1.31
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JUL-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	03-JUL-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUN-17	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUN-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	20-JUN-17	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-JUN-17	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	492.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUN-17	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	1440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	1090.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAY-17	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAY-17	Finding:	21.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-MAY-17	Finding:	346.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-MAY-17	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAY-17	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-MAY-17	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-MAY-17	Finding:	496.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	1100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAY-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	04-MAY-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-APR-17	Finding:	7.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	19-APR-17	Finding:	0.47
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-APR-17	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	7.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	562.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	141.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	51.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	95.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	55.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	463.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-APR-17	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	8.41
Chemical:	GROSS ALPHA	Report units:	PCI/L

Dlr:	3.		
Sample date:	19-APR-17	Finding:	2.73
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	4.66
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	19-APR-17	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	0.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.51
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	7.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	2.56
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-APR-17	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-17	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-MAR-17	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-MAR-17	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-MAR-17	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-17	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	07-MAR-17	Finding:	6.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-17	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-MAR-17	Finding:	476.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	9.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-FEB-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	21-FEB-17	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-17	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	09-FEB-17	Finding:	40.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	08-FEB-17	Finding:	262.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-FEB-17	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-FEB-17	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-FEB-17	Finding:	20.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	513.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-FEB-17	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-17	Finding:	1430.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	02-FEB-17	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-JAN-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JAN-17	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-JAN-17	Finding:	495.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JAN-17	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	1.24
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-JAN-17	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	4.24
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	05-JAN-17	Finding:	7.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-DEC-16	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-16	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-DEC-16	Finding:	513.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	06-DEC-16	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-DEC-16	Finding:	1510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-DEC-16	Finding:	1130.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-16	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-NOV-16	Finding:	6.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-NOV-16	Finding:	0.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	09-NOV-16	Finding:	1100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-NOV-16	Finding:	19.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-NOV-16	Finding:	225.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-NOV-16	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-NOV-16	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-NOV-16	Finding:	511.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-NOV-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	48.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	148.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	27-OCT-16	Finding:	60.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	523.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-OCT-16	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	27-OCT-16	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	27-OCT-16	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	27-OCT-16	Finding:	40.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	27-OCT-16	Finding:	4.72
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	27-OCT-16	Finding:	2.2
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	3.45
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	27-OCT-16	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.7
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	1.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	27-OCT-16	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	1.17
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	5.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	27-OCT-16	Finding:	2.21
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	87.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	567.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	1490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-16	Finding:	6.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-OCT-16	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-OCT-16	Finding:	7.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-OCT-16	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-16	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-16	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-SEP-16	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	07-SEP-16	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-16	Finding:	515.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-SEP-16	Finding:	6.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-16	Finding:	1530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-SEP-16	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	6.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-16	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	160.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	11-AUG-16	Finding:	19.6
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-AUG-16	Finding:	0.9
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	04-AUG-16	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-AUG-16	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	446.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	26-JUL-16	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	422.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUL-16	Finding:	1.54
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	0.96
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	1.69
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	2.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	2.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	06-JUL-16	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUN-16	Finding:	3.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-16	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUN-16	Finding:	60.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	14-JUN-16	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	06-JUN-16	Finding:	7.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUN-16	Finding:	7.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	1560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-JUN-16	Finding:	1100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAY-16	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAY-16	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAY-16	Finding:	424.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-MAY-16	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	09-MAY-16	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAY-16	Finding:	27.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-MAY-16	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-MAY-16	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAY-16	Finding:	520.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-MAY-16	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	26-APR-16	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-16	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-APR-16	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	538.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	135.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	49.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	90.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	62.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-APR-16	Finding:	25.6
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L

Dlr:	10.		
Sample date:	05-APR-16	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	3.13
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	05-APR-16	Finding:	2.12
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	6.66
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	05-APR-16	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1.64
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	5.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	2.33
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	05-APR-16	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-16	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAR-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAR-16	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-MAR-16	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-MAR-16	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-FEB-16	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-FEB-16	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-FEB-16	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-FEB-16	Finding:	24.6
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-FEB-16	Finding:	300.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-FEB-16	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-FEB-16	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-FEB-16	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JAN-16	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	7.81
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	12-JAN-16	Finding:	2.59
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	1.5
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	1.94
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	4.15
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		

Sample date:	04-JAN-16	Finding:	6.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-DEC-15	Finding:	6.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-15	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-DEC-15	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-DEC-15	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-DEC-15	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-DEC-15	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-DEC-15	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-DEC-15	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-NOV-15	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-NOV-15	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-NOV-15	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-NOV-15	Finding:	293.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	12-NOV-15	Finding:	23.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-NOV-15	Finding:	1.2
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	03-NOV-15	Finding:	1470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	03-NOV-15	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-15	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-NOV-15	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-OCT-15	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	95.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-OCT-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-OCT-15	Finding:	24.3
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	19-OCT-15	Finding:	50.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	19-OCT-15	Finding:	2.17
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	3.8
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		

Sample date:	19-OCT-15	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1.4
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	4400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	1.97
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	55.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	49.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	148.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	7.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	19-OCT-15	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	571.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-OCT-15	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-15	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-OCT-15	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-SEP-15	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-SEP-15	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-SEP-15	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-15	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-SEP-15	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-15	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-SEP-15	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-15	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-15	Finding:	21.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	18-AUG-15	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-AUG-15	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-AUG-15	Finding:	20.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	1090.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-AUG-15	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-AUG-15	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	03-AUG-15	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JUL-15	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JUL-15	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-JUL-15	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	3.02
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	1.06
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	2.6
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	21-JUL-15	Finding:	1490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	21-JUL-15	Finding:	4.29
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	21-JUL-15	Finding:	3.32
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-15	Finding:	20.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-JUL-15	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUL-15	Finding:	21.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUL-15	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUL-15	Finding:	21.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUN-15	Finding:	23.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-15	Finding:	25.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUN-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUN-15	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JUN-15	Finding:	1530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JUN-15	Finding:	1140.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	22.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	27-MAY-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAY-15	Finding:	26.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAY-15	Finding:	310.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	12-MAY-15	Finding:	29.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAY-15	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	12-MAY-15	Finding:	26.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	540.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-MAY-15	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	29.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-APR-15	Finding:	29.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-APR-15	Finding:	26.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	1.3
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	30.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	14-APR-15	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1130.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	4.26
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	14-APR-15	Finding:	1.23
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	14-APR-15	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	26.9
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	570.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	63.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	98.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	56.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	147.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	14-APR-15	Finding:	597.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-APR-15	Finding:	6800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-APR-15	Finding:	1.23
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	07-APR-15	Finding:	27.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-APR-15	Finding:	27.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-15	Finding:	28.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-MAR-15	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAR-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAR-15	Finding:	1130.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAR-15	Finding:	550.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-MAR-15	Finding:	1520.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	03-MAR-15	Finding:	29.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-15	Finding:	28.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	27.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	520.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-FEB-15	Finding:	1570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-FEB-15	Finding:	27.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-FEB-15	Finding:	24.9
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-FEB-15	Finding:	305.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-FEB-15	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	03-FEB-15	Finding:	29.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JAN-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	1.33
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	29.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	20-JAN-15	Finding:	2.63
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	5.49
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	20-JAN-15	Finding:	550.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-JAN-15	Finding:	1510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	2.79
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	4.45
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	13-JAN-15	Finding:	33.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JAN-15	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-DEC-14	Finding:	29.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-DEC-14	Finding:	26.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-DEC-14	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-DEC-14	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-DEC-14	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-NOV-14	Finding:	22.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-NOV-14	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L

Dlr:	0.3		
Sample date:	10-NOV-14	Finding:	278.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	04-NOV-14	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-NOV-14	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-NOV-14	Finding:	1440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	16.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	15-OCT-14	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	577.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	152.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	48.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	101.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	15-OCT-14	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-OCT-14	Finding:	27.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	240.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	70.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	15-OCT-14	Finding:	9.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	15-OCT-14	Finding:	3.77
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	15-OCT-14	Finding:	2.85
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	1.9
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	15-OCT-14	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.8
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	15-OCT-14	Finding:	12.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.886
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	2800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	15-OCT-14	Finding:	3.25
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-SEP-14	Finding:	21.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-SEP-14	Finding:	21.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-14	Finding:	1450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-SEP-14	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-SEP-14	Finding:	509.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-SEP-14	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	23.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-14	Finding:	512.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-AUG-14	Finding:	23.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-14	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-14	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	13-AUG-14	Finding:	25.9
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	13-AUG-14	Finding:	347.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	29-JUL-14	Finding:	20.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	2.38
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	1.1
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	22.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	1090.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	4.27
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	17-JUL-14	Finding:	2.04
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	524.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JUL-14	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-14	Finding:	33.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-14	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-JUN-14	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUN-14	Finding:	29.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUN-14	Finding:	35.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	04-JUN-14	Finding:	1530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-JUN-14	Finding:	526.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-JUN-14	Finding:	32.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-14	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-MAY-14	Finding:	28.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-MAY-14	Finding:	30.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-MAY-14	Finding:	27.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-14	Finding:	22.2
Chemical:	BROMOFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAY-14	Finding:	9.
Chemical:	DIBROMOCHLOROMETHANE (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAY-14	Finding:	1.2
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAY-14	Finding:	31.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-14	Finding:	34.3
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	08-MAY-14	Finding:	23.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-MAY-14	Finding:	363.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-MAY-14	Finding:	1.3
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		

Sample date:	08-MAY-14	Finding:	1.9
Chemical:	BROMODICHLOROMETHANE (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	02-MAY-14	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-MAY-14	Finding:	515.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-MAY-14	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-MAY-14	Finding:	34.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-APR-14	Finding:	25.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-14	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-APR-14	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	2.23
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	5500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-APR-14	Finding:	1.08
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	24.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-APR-14	Finding:	0.6
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	09-APR-14	Finding:	3.72
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	09-APR-14	Finding:	2.44
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	7.9
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	09-APR-14	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	09-APR-14	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	30.6
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-APR-14	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	09-APR-14	Finding:	541.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-APR-14	Finding:	63.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	101.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	58.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	157.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	09-APR-14	Finding:	630.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-APR-14	Finding:	21.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-14	Finding:	22.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAR-14	Finding:	23.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAR-14	Finding:	23.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-14	Finding:	23.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-14	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-MAR-14	Finding:	1440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-MAR-14	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-14	Finding:	28.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-FEB-14	Finding:	520.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	18-FEB-14	Finding:	26.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-FEB-14	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-FEB-14	Finding:	337.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-FEB-14	Finding:	24.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-FEB-14	Finding:	24.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-14	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JAN-14	Finding:	530.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-JAN-14	Finding:	7.54
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	28-JAN-14	Finding:	1470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	2.32
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	26.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JAN-14	Finding:	2.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-JAN-14	Finding:	26.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	07-JAN-14	Finding:	25.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-14	Finding:	26.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-DEC-13	Finding:	25.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-DEC-13	Finding:	23.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-DEC-13	Finding:	21.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-DEC-13	Finding:	24.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-DEC-13	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-DEC-13	Finding:	570.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-DEC-13	Finding:	1450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	25-NOV-13	Finding:	22.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-NOV-13	Finding:	20.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-NOV-13	Finding:	369.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	12-NOV-13	Finding:	23.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-NOV-13	Finding:	22.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-NOV-13	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	06-NOV-13	Finding:	21.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	06-NOV-13	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-NOV-13	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-NOV-13	Finding:	1470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-OCT-13	Finding:	26.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-13	Finding:	26.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	62.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	2.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	08-OCT-13	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	2.13
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	609.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	08-OCT-13	Finding:	155.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	54.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	96.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	4700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-13	Finding:	500.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-OCT-13	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	25.8
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	08-OCT-13	Finding:	6.4
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	08-OCT-13	Finding:	2.24
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.5
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-OCT-13	Finding:	20.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	24-SEP-13	Finding:	20.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-13	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-SEP-13	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-SEP-13	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-AUG-13	Finding:	20.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-13	Finding:	580.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-AUG-13	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-AUG-13	Finding:	27.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-13	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-13	Finding:	27.5
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-AUG-13	Finding:	26.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-13	Finding:	2.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	13-AUG-13	Finding:	412.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-JUL-13	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	3.27
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	09-JUL-13	Finding:	500.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUL-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	2.61
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-JUN-13	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-JUN-13	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-JUN-13	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-MAY-13	Finding:	319.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-MAY-13	Finding:	20.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-MAY-13	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	01-MAY-13	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-MAY-13	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAY-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	2700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-APR-13	Finding:	2.15
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	0.6
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported

Dlr:	0.		
Sample date:	10-APR-13	Finding:	7.94
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	10-APR-13	Finding:	2.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	574.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	146.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	51.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	96.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	6.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	61.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-APR-13	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	10-APR-13	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-APR-13	Finding:	24.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	18-MAR-13	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-MAR-13	Finding:	1410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-MAR-13	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-FEB-13	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-FEB-13	Finding:	520.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-FEB-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-FEB-13	Finding:	22.
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-FEB-13	Finding:	1.3
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	13-FEB-13	Finding:	381.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	05-FEB-13	Finding:	23.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-13	Finding:	2.59
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	2.3
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	08-JAN-13	Finding:	8.41
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	08-JAN-13	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	960.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JAN-13	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-DEC-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-DEC-12	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-DEC-12	Finding:	910.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-12	Finding:	420.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	1280.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-DEC-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-NOV-12	Finding:	1.4
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	13-NOV-12	Finding:	352.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	13-NOV-12	Finding:	20.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-NOV-12	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	06-NOV-12	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-NOV-12	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-NOV-12	Finding:	910.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-NOV-12	Finding:	410.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	24-OCT-12	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	0.5
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1.15
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	2200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-OCT-12	Finding:	3.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	3.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	16-OCT-12	Finding:	900.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	16-OCT-12	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	511.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	129.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	46.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	90.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	58.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	420.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-OCT-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	22.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	7.33
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		

Sample date:	16-OCT-12	Finding:	3.39
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	4.15
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	08-OCT-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-12	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-12	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-SEP-12	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-SEP-12	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-AUG-12	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-AUG-12	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-AUG-12	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-AUG-12	Finding:	24.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-AUG-12	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-AUG-12	Finding:	1.5
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-AUG-12	Finding:	449.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	01-AUG-12	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUL-12	Finding:	8.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	18-JUL-12	Finding:	9.39
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	18-JUL-12	Finding:	2.33
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	1310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JUL-12	Finding:	3.12
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUL-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-12	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JUN-12	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JUN-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JUN-12	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-12	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-JUN-12	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-12	Finding:	1330.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	06-JUN-12	Finding:	930.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAY-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-MAY-12	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAY-12	Finding:	24.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-MAY-12	Finding:	399.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-MAY-12	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	09-MAY-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAY-12	Finding:	1310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-MAY-12	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-MAY-12	Finding:	950.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-APR-12	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	22.3
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-APR-12	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	17-APR-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	544.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	139.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	48.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	88.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	60.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-APR-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	6.36
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	17-APR-12	Finding:	2.52
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	5.4
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	17-APR-12	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	0.1
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		

Sample date:	17-APR-12	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1.46
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	2000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-APR-12	Finding:	2.76
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-MAR-12	Finding:	930.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAR-12	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-MAR-12	Finding:	1410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-FEB-12	Finding:	1310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-FEB-12	Finding:	9.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-FEB-12	Finding:	920.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-12	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-FEB-12	Finding:	295.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-FEB-12	Finding:	20.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-FEB-12	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JAN-12	Finding:	3.48
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	03-JAN-12	Finding:	3.63
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	03-JAN-12	Finding:	920.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	1.73
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	3.28
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	0.541
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	7.13
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	03-JAN-12	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JAN-12	Finding:	1310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

12
SW
1/2 - 1 Mile
Lower

FED USGS **USGS40000142583**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W26M001S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	196
Well Depth Units:	ft	Well Hole Depth:	196
Well Hole Depth Units:	ft		

13
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007701**

State Well #:	02N22W23K004S	Station ID:	4560
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0

Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

14
WSW
1/2 - 1 Mile
Lower

CA WELLS **2316**

Seq:	2316	Prim sta c:	02N/22W-26E01 S
Frds no:	5602408001	County:	56
District:	06	User id:	TAP
System no:	5602408	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341347.0	Longitude:	1190938.0
Precision:	2	Status:	AR
Comment 1:	1140 KENNEY STREET, EL RIO	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5602408	System nam:	Rio Real School
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	570	Connection:	0
Area serve:	Not Reported		

15
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000142574**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W26L003S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	555
Well Depth Units:	ft	Well Hole Depth:	555
Well Hole Depth Units:	ft		

16
SE
1/2 - 1 Mile
Lower

FED USGS **USGS40000142589**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W25E001S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	184

Well Depth Units:	ft	Well Hole Depth:	190
Well Hole Depth Units:	ft		
Ground water levels,Number of Measurements:	1	Level reading date:	1975-04-01
Feet below surface:	40	Feet to sea level:	Not Reported
Note:	Not Reported		

17
SW
1/2 - 1 Mile
Lower

CA WELLS 2317

Seq:	2317	Prim sta c:	02N/22W-26M01 S
Frds no:	5602113001	County:	56
District:	06	User id:	TAP
System no:	5602113	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341339.0	Longitude:	1190932.0
Precision:	2	Status:	AR
Comment 1:	WELL IS LOCATED AT SOUTH END OF THE MOBILE HOME PARK AT 1301 VENTURA		
Comment 2:	OXNARD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	5602113	System nam:	Royal Duke Mobile Home Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	216	Connection:	0
Area serve:	Not Reported		

D18
North
1/2 - 1 Mile
Higher

CA WELLS CADWR8000007721

State Well #:	02N22W23G001S	Station ID:	27399
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

D19
North
1/2 - 1 Mile
Higher

CA WELLS 2300

Seq:	2300	Prim sta c:	02N/22W-23G03 S
Frds no:	5610046004	County:	56
District:	06	User id:	TAP
System no:	5610046	Water type:	G
Source nam:	WELL 02A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341438.9	Longitude:	1190910.6
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System no:	5610046	System nam:	United Wtr Cons Dist
Hqname:	Not Reported	Address:	106 N. 8th Street
City:	Santa Paula	State:	CA
Zip:	93060	Zip ext:	Not Reported
Pop serv:	0	Connection:	16
Area serve:	OXNARD-PORT HUENEME		

Sample date:	07-MAR-18	Finding:	10.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-MAR-18	Finding:	11.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-FEB-18	Finding:	12.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	12-FEB-18	Finding:	10.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	08-FEB-18	Finding:	10.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-FEB-18	Finding:	10.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-JAN-18	Finding:	526.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	22-JAN-18	Finding:	10.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-JAN-18	Finding:	1540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	22-JAN-18	Finding:	1140.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	17-JAN-18	Finding:	9.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	10-JAN-18	Finding:	9.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	03-JAN-18	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	27-DEC-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	18-DEC-17	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-17	Finding:	8.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-DEC-17	Finding:	8.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-NOV-17	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-NOV-17	Finding:	7.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-NOV-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	53.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	97.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	53.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	496.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	31-OCT-17	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	31-OCT-17	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported

Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	26.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	508.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	6.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	143.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	575.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	6.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1.2
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	31-OCT-17	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	26-OCT-17	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-OCT-17	Finding:	2.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-OCT-17	Finding:	2.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-17	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-17	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-SEP-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-SEP-17	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-AUG-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-AUG-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-AUG-17	Finding:	7.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JUL-17	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-17	Finding:	1530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	13-JUL-17	Finding:	2.36
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	1180.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	2.85
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	8.72
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	13-JUL-17	Finding:	557.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JUL-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUN-17	Finding:	7.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUN-17	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-JUN-17	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	8.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAY-17	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAY-17	Finding:	9.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAY-17	Finding:	9.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-MAY-17	Finding:	9.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	26-APR-17	Finding:	7.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	0.47
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.81
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	2.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	546.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	29.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	890.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	4.76
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	19-APR-17	Finding:	2.44
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	9.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	19-APR-17	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	423.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	19-APR-17	Finding:	42.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	82.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	44.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	120.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	480.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	2.3
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-APR-17	Finding:	2.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1240.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.45
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-APR-17	Finding:	11.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-17	Finding:	9.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	27-MAR-17	Finding:	10.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-MAR-17	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-MAR-17	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	23.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-AUG-16	Finding:	22.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUL-16	Finding:	19.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	20.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	1450.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	648.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUL-16	Finding:	22.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	1890.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-JUL-16	Finding:	21.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUN-16	Finding:	21.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-16	Finding:	21.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JUN-16	Finding:	22.4
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	06-JUN-16	Finding:	20.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	21.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-MAY-16	Finding:	21.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAY-16	Finding:	17.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAY-16	Finding:	17.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAY-16	Finding:	17.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-APR-16	Finding:	16.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-16	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-APR-16	Finding:	17.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	1320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	30.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	509.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	05-APR-16	Finding:	18.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	3.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-APR-16	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	610.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	70.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	98.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	66.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	170.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	696.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.9
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	05-APR-16	Finding:	18.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	05-APR-16	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1780.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-APR-16	Finding:	32.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-16	Finding:	18.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAR-16	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAR-16	Finding:	16.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-MAR-16	Finding:	17.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	17.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-FEB-16	Finding:	17.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-FEB-16	Finding:	17.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	17.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	17.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JAN-16	Finding:	16.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-16	Finding:	16.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	12-JAN-16	Finding:	1270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	580.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	16.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	1700.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-JAN-16	Finding:	16.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-DEC-15	Finding:	17.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-15	Finding:	16.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-DEC-15	Finding:	16.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-DEC-15	Finding:	15.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-DEC-15	Finding:	15.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-NOV-15	Finding:	15.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-NOV-15	Finding:	14.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-NOV-15	Finding:	14.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-15	Finding:	14.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-OCT-15	Finding:	14.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	19-OCT-15	Finding:	69.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	580.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-OCT-15	Finding:	102.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	61.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	166.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	665.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-OCT-15	Finding:	15.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1640.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	15400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	19-OCT-15	Finding:	203.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	28.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	68.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-OCT-15	Finding:	8.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-OCT-15	Finding:	29.6
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	13-OCT-15	Finding:	14.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-15	Finding:	14.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-OCT-15	Finding:	15.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-SEP-15	Finding:	14.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-SEP-15	Finding:	14.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-SEP-15	Finding:	13.7
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	01-SEP-15	Finding:	14.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-15	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-AUG-15	Finding:	59.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	13.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-AUG-15	Finding:	13.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-15	Finding:	11.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JUL-15	Finding:	12.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JUL-15	Finding:	12.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JUL-15	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-JUL-15	Finding:	1220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	1630.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-JUL-15	Finding:	12.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-15	Finding:	56.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	53.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	12.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-JUL-15	Finding:	12.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUL-15	Finding:	54.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUN-15	Finding:	54.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-15	Finding:	57.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUN-15	Finding:	52.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUN-15	Finding:	52.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAY-15	Finding:	54.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAY-15	Finding:	56.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAY-15	Finding:	57.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-APR-15	Finding:	57.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-APR-15	Finding:	59.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	466.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	11.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	13500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-APR-15	Finding:	24.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	59.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	14-APR-15	Finding:	1170.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	14-APR-15	Finding:	40.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	800.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	550.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	63.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	103.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	61.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	154.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	635.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	14-APR-15	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	14-APR-15	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	6.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1620.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-APR-15	Finding:	29.4
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	07-APR-15	Finding:	57.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-APR-15	Finding:	57.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-15	Finding:	60.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-MAR-15	Finding:	67.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAR-15	Finding:	66.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAR-15	Finding:	58.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-15	Finding:	57.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	54.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-FEB-15	Finding:	56.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-FEB-15	Finding:	60.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JAN-15	Finding:	56.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	56.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	20-JAN-15	Finding:	1220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	560.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-JAN-15	Finding:	1610.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-JAN-15	Finding:	47.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JAN-15	Finding:	46.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-DEC-14	Finding:	44.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-DEC-14	Finding:	40.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-DEC-14	Finding:	36.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-DEC-14	Finding:	37.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-DEC-14	Finding:	35.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-NOV-14	Finding:	35.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-NOV-14	Finding:	34.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-NOV-14	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-14	Finding:	32.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-OCT-14	Finding:	31.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	21-OCT-14	Finding:	34.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-14	Finding:	1530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	15-OCT-14	Finding:	661.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	166.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	60.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	104.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	56.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-OCT-14	Finding:	28.1
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	800.
Chemical:	BORON	Report units:	UG/L

Dlr:	100.		
Sample date:	15-OCT-14	Finding:	110.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	1150.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.4
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	38.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-14	Finding:	25.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	562.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	8700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-14	Finding:	40.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-14	Finding:	40.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-SEP-14	Finding:	39.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-14	Finding:	38.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-SEP-14	Finding:	37.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-14	Finding:	37.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	35.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	20-AUG-14	Finding:	32.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-14	Finding:	33.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-AUG-14	Finding:	32.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JUL-14	Finding:	32.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUL-14	Finding:	31.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	1440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	29.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	506.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUL-14	Finding:	28.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-14	Finding:	25.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-JUN-14	Finding:	27.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUN-14	Finding:	23.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUN-14	Finding:	22.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-14	Finding:	22.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-MAY-14	Finding:	21.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	09-APR-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	09-APR-14	Finding:	30.5
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	519.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	2000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-APR-14	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-APR-14	Finding:	0.7
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1150.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	7.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	09-APR-14	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	31.4
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	09-APR-14	Finding:	543.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-APR-14	Finding:	68.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	09-APR-14	Finding:	107.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	59.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	159.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	639.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	09-APR-14	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-APR-14	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-APR-14	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-14	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAR-14	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-14	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-14	Finding:	25.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-FEB-14	Finding:	25.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	10-FEB-14	Finding:	24.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-FEB-14	Finding:	24.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JAN-14	Finding:	1470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-JAN-14	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JAN-14	Finding:	22.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-JAN-14	Finding:	21.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JAN-14	Finding:	21.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-14	Finding:	20.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-DEC-13	Finding:	21.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-OCT-13	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	08-OCT-13	Finding:	28.4
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	7.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	08-OCT-13	Finding:	0.464
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.9
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	32.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	572.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	12.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-13	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.243
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.36
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	08-OCT-13	Finding:	68.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	6.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	109.
Chemical:	SODIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	08-OCT-13	Finding:	59.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	167.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	659.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	2.2
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-OCT-13	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	800.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-OCT-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-SEP-13	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-13	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-SEP-13	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-13	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-AUG-13	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	20-AUG-13	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-13	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-AUG-13	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUL-13	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JUL-13	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUL-13	Finding:	550.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUL-13	Finding:	1490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	0.414
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	7.65
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	09-JUL-13	Finding:	2.49
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	1.7
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUL-13	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	2.64
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	8.44
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	02-JUL-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	25-JUN-13	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JUN-13	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-JUN-13	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-13	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-MAY-13	Finding:	6.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-13	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-13	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-APR-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-APR-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-APR-13	Finding:	1700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-APR-13	Finding:	12.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	633.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	27.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	10-APR-13	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-APR-13	Finding:	0.8
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1130.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	6.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	10-APR-13	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	10-APR-13	Finding:	31.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-APR-13	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-APR-13	Finding:	76.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	6.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	105.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	57.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	161.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	636.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-APR-13	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	10-APR-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-APR-13	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-MAR-13	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAR-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAR-13	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-13	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-FEB-13	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-FEB-13	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-FEB-13	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JAN-13	Finding:	6.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JAN-13	Finding:	6.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	15-JAN-13	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-13	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-13	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-JAN-13	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-DEC-12	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-DEC-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-DEC-12	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-DEC-12	Finding:	4.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-NOV-12	Finding:	4.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-NOV-12	Finding:	4.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-NOV-12	Finding:	3.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-NOV-12	Finding:	3.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-NOV-12	Finding:	3.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-OCT-12	Finding:	3.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	16-OCT-12	Finding:	61.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	390.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-OCT-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	820.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	0.7
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	3.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	30.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	484.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-OCT-12	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	91.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	39.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	111.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	16-OCT-12	Finding:	437.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	16-OCT-12	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1200.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	21.6
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-12	Finding:	3.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-OCT-12	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-SEP-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-SEP-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-SEP-12	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-12	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-AUG-12	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-12	Finding:	6.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-AUG-12	Finding:	6.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	08-AUG-12	Finding:	5.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-AUG-12	Finding:	6.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUL-12	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUL-12	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUL-12	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JUN-12	Finding:	4.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JUN-12	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JUN-12	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-12	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-MAY-12	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAY-12	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-MAY-12	Finding:	6.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	09-MAY-12	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAY-12	Finding:	6.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-APR-12	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-APR-12	Finding:	563.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	28.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	0.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-APR-12	Finding:	62.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	17-APR-12	Finding:	94.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	50.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	141.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	558.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	17-APR-12	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-APR-12	Finding:	25.5
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-12	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-APR-12	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-MAR-12	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAR-12	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAR-12	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	07-MAR-12	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAR-12	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-FEB-12	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-FEB-12	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-FEB-12	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-FEB-12	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JAN-12	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JAN-12	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JAN-12	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JAN-12	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JAN-12	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JAN-12	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

20
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000142569**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W26Q001S	Type:	Well
Description:	Not Reported	HUC:	18070103

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	210
Well Depth Units:	ft	Well Hole Depth:	210
Well Hole Depth Units:	ft		

21
NNW
1/2 - 1 Mile
Higher

CA WELLS 2295

Seq:	2295	Prim sta c:	02N/22W-23F01 S
Frds no:	5602134001	County:	56
District:	86	User id:	56C
System no:	5602134	Water type:	G
Source nam:	WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341443.0	Longitude:	1190918.0
Precision:	2	Status:	AR
Comment 1:	OXNARD	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5602134	System nam:	Jim Alger
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

Sample date:	23-JUN-14	Finding:	1410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	23-JUN-14	Finding:	2100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	23-JUN-14	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	23-JUN-14	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	23-JUN-14	Finding:	578.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	23-JUN-14	Finding:	146.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	23-JUN-14	Finding:	52.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	23-JUN-14	Finding:	96.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-14	Finding:	1.7
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	23-JUN-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-14	Finding:	56.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-14	Finding:	485.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	23-JUN-14	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	23-JUN-14	Finding:	26.1
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	23-JUN-14	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	23-JUN-14	Finding:	7.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	23-JUN-14	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-JUN-14	Finding:	0.6
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	23-JUN-14	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUN-14	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	23-JUN-14	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Map ID
Direction
Distance
Elevation

Database EDR ID Number

E22
NNE
1/2 - 1 Mile
Higher

CA WELLS 2301

Seq:	2301	Prim sta c:	02N/22W-23H04 S
Frds no:	5610046015	County:	56
District:	06	User id:	TAP
System no:	5610046	Water type:	G
Source nam:	WELL 13	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341443.4	Longitude:	1190854.6
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5610046	System nam:	United Wtr Cons Dist
Hqname:	Not Reported	Address:	106 N. 8th Street
City:	Santa Paula	State:	CA
Zip:	93060	Zip ext:	Not Reported
Pop serv:	0	Connection:	16
Area serve:	OXNARD-PORT HUENEME		

Sample date:	22-JAN-18	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	22-JAN-18	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	22-JAN-18	Finding:	454.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	31-OCT-17	Finding:	1.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		

Sample date:	31-OCT-17	Finding:	13.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	31-OCT-17	Finding:	210.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		

Sample date:	31-OCT-17	Finding:	610.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	31-OCT-17	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		

Sample date:	31-OCT-17	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	31-OCT-17	Finding:	473.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	31-OCT-17	Finding:	51.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	120.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	38.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	142.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	511.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	15.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.73
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	31-OCT-17	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	299.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	4.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	20.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	478.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-JUL-17	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	1.85
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	2.69
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	13.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	274.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	22.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	4.1
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	1.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	2.69
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	220.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	19-APR-17	Finding:	640.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	19-APR-17	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-APR-17	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	473.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	52.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	119.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	37.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	141.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	504.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	0.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-APR-17	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-APR-17	Finding:	3.67
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	09-JAN-17	Finding:	471.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JAN-17	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	3.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	27-OCT-16	Finding:	27.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	200.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	27-OCT-16	Finding:	590.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	27-OCT-16	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	27-OCT-16	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	27-OCT-16	Finding:	491.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-OCT-16	Finding:	51.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	111.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	38.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	27-OCT-16	Finding:	141.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	508.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.9
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	27-OCT-16	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.6
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	313.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	12-JUL-16	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	472.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUL-16	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	3.8
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	24.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	262.
Chemical:	RADON 222	Report units:	PCI/L

Dlr:	100.		
Sample date:	05-APR-16	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	860.
Chemical:	ALUMINUM	Report units:	UG/L
Dlr:	50.		
Sample date:	05-APR-16	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	200.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	05-APR-16	Finding:	1950.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	3.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	36.9
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	100.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	35.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	05-APR-16	Finding:	124.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	453.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	05-APR-16	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-APR-16	Finding:	4.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	05-APR-16	Finding:	0.5
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	560.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L

Dlr:	10.		
Sample date:	19-OCT-15	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	30.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	500.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-OCT-15	Finding:	56.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	110.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	36.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	136.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	487.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-OCT-15	Finding:	160.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	130.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	19-OCT-15	Finding:	990.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	109.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	4.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	26.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-JUL-15	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	262.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	19.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	4.
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	14-APR-15	Finding:	820.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	30.3
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

Dlr:	0.1		
Sample date:	14-APR-15	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	55.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	116.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	39.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	135.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	497.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	6.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-APR-15	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	14-APR-15	Finding:	11.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-JAN-15	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	20-JAN-15	Finding:	990.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	29-OCT-14	Finding:	256.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	29-OCT-14	Finding:	19.9
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	0.9
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	29-OCT-14	Finding:	551.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	155.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	40.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	120.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	52.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	29-OCT-14	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	31.3
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	29-OCT-14	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	29-OCT-14	Finding:	740.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	29-OCT-14	Finding:	220.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	29-OCT-14	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	0.5
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	29-OCT-14	Finding:	2.1
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-JUL-14	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	489.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JUL-14	Finding:	1320.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1350.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-APR-14	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	09-APR-14	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	09-APR-14	Finding:	504.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	141.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	37.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	112.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	51.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	464.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-APR-14	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	09-APR-14	Finding:	33.8
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	970.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	210.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	09-APR-14	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1.1
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	5.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	09-APR-14	Finding:	25.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	238.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.56
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	08-OCT-13	Finding:	0.351
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.36
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	08-OCT-13	Finding:	1410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1.9
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		

Sample date:	08-OCT-13	Finding:	570.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	161.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	41.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	125.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	52.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	500.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-OCT-13	Finding:	30.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	610.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	230.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	08-OCT-13	Finding:	0.541
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1.1
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	4.1
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	08-OCT-13	Finding:	25.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	274.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	2.4
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	500.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUL-13	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	0.607
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	3.37
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	0.414
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	118.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	49.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	430.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-APR-13	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	10-APR-13	Finding:	31.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	610.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	210.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	10-APR-13	Finding:	990.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	4.7
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	10-APR-13	Finding:	21.9
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	287.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	13.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	37.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	145.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	514.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	0.9
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-APR-13	Finding:	280.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	230.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	10-APR-13	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	08-JAN-13	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	990.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	4.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	16-OCT-12	Finding:	13.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	8.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	16-OCT-12	Finding:	502.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	140.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	37.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	16-OCT-12	Finding:	115.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	49.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-OCT-12	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	31.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	570.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	210.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	16-OCT-12	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	4.
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	27.5
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	256.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	420.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	18-JUL-12	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-APR-12	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	12.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	278.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	0.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	17-APR-12	Finding:	491.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	139.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	35.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	112.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	17-APR-12	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-APR-12	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	29.4
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	630.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	200.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	17-APR-12	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	0.9
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	23.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	990.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JAN-12	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

F23
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000142604**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W27A003S	Type:	Well
Description:	Not Reported	HUC:	18070103

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	246
Well Depth Units:	ft	Well Hole Depth:	246
Well Hole Depth Units:	ft		

F24
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000142605**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W27A001S	Type:	Well
Description:	Not Reported	HUC:	18070102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	150
Well Depth Units:	ft	Well Hole Depth:	150
Well Hole Depth Units:	ft		

F25
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000142606**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W27A002S	Type:	Well
Description:	Not Reported	HUC:	18070102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	200
Well Depth Units:	ft	Well Hole Depth:	200
Well Hole Depth Units:	ft		

E26
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000142651**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W23H004S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19830701	Well Depth:	1410

Well Depth Units:	ft	Well Hole Depth:	1442
Well Hole Depth Units:	ft		

F27
West
1/2 - 1 Mile
Lower

CA WELLS 2320

Seq:	2320	Prim sta c:	02N/22W-27A03 S
Frds no:	5610068003	County:	56
District:	06	User id:	TAP
System no:	5610068	Water type:	G
Source nam:	WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1191000.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5610068	System nam:	Cloverdale Mutual Water Co
Hqname:	Not Reported	Address:	135 W MAGNOLIA AVE
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1300	Connection:	250
Area serve:	EL RIO		

Sample date:	15-DEC-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	20-SEP-17	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	16-JUN-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-MAR-17	Finding:	670.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	17-MAR-17	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-DEC-16	Finding:	2.85
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	09-DEC-16	Finding:	2.52
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	09-DEC-16	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	30-SEP-16	Finding:	660.

Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	30-SEP-16	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUN-15	Finding:	24.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	26-JUN-15	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	26-JUN-15	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	26-JUN-15	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	26-JUN-15	Finding:	9.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	26-JUN-15	Finding:	960.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	0.5
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	25.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JUN-15	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	5800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUN-15	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	26-JUN-15	Finding:	380.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	26-JUN-15	Finding:	61.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	26-JUN-15	Finding:	1.6
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	84.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	48.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	135.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	534.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	80.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	26-SEP-14	Finding:	110.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	30-JUN-14	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-14	Finding:	80.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-DEC-12	Finding:	1.96
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	1.68
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	0.561
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	28-DEC-12	Finding:	3.9e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-DEC-12	Finding:	2.63
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	9.52
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	28-DEC-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	0.25
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	6.87
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	25-SEP-12	Finding:	4.33
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	25-SEP-12	Finding:	0.252
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	2.8
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	1.46
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	6.04
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	25-SEP-12	Finding:	0.971
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	1.5e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	25-SEP-12	Finding:	2.73
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	15-JUN-12	Finding:	8.77
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	15-JUN-12	Finding:	7.07
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	15-JUN-12	Finding:	1.91
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	2.17
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	0.354
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	0.201
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	5.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-12	Finding:	3.7e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	15-JUN-12	Finding:	2.49
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	0.506
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	0.203
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	3.66
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	28-MAR-12	Finding:	2.62
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	0.643
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	4.94
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-MAR-12	Finding:	1.58
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	28-MAR-12	Finding:	2.72
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	0.473
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		

F28
West
1/2 - 1 Mile
Lower

CA WELLS 2319

Seq:	2319	Prim sta c:	02N/22W-27A02 S
Frds no:	5610068002	County:	56
District:	06	User id:	TAP
System no:	5610068	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1191000.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5610068	System nam:	Cloverdale Mutual Water Co
Hqname:	Not Reported	Address:	135 W MAGNOLIA AVE
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1300	Connection:	250
Area serve:	EL RIO		
Sample date:	15-DEC-17	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-DEC-17	Finding:	320.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	20-SEP-17	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-17	Finding:	160.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-JUN-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-MAR-17	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-DEC-16	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	18-MAR-16	Finding:	87.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	1.6
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	62.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	414.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-MAR-16	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-MAR-16	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-MAR-16	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	18-MAR-16	Finding:	6.41
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	18-MAR-16	Finding:	2.54
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	4.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	18-MAR-16	Finding:	1.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	18-MAR-16	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	7.5
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	18-MAR-16	Finding:	2.13
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	49.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	145.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	563.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	7.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAR-16	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	1490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	24.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	11-DEC-15	Finding:	180.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	26-SEP-14	Finding:	270.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	30-JUN-14	Finding:	120.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-14	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	27-DEC-13	Finding:	180.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	27-SEP-13	Finding:	930.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-DEC-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	3.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	70.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-DEC-12	Finding:	1.76
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	0.474
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	7.68
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-DEC-12	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	3.89
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	0.201
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	2220.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	25-SEP-12	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	25-SEP-12	Finding:	4.46
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	25-SEP-12	Finding:	2.89
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	1.02
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	7.25
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L

Dlr:	1.		
Sample date:	25-SEP-12	Finding:	1.59
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	3.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-12	Finding:	620.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-JUN-12	Finding:	0.25
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	0.354
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	2.13
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	1.35
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	3.17
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	15-JUN-12	Finding:	0.467
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	2.49
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	8.63
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	15-JUN-12	Finding:	620.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-12	Finding:	0.473
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	28-MAR-12	Finding:	2.79
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	1.67
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	5.63
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-MAR-12	Finding:	0.261
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	3.07
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	5.61
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	28-MAR-12	Finding:	410.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-12	Finding:	0.493
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

F29
West
1/2 - 1 Mile
Lower

CA WELLS 2321

Seq:	2321	Prim sta c:	02N/22W-27K01 S
Frds no:	5610035002	County:	56
District:	06	User id:	TAP
System no:	5610035	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1191000.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5610035	System nam:	Rio Manor Mutual Water Co
Hqname:	RIO MANOR MUTUAL WATER COMPANY	Address:	135 W. MAGNOLIA AVE.
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1500	Connection:	325
Area serve:	EL RIO		
Sample date:	09-SEP-15	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JUN-15	Finding:	3.

Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	17-JUN-15	Finding:	1500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JUN-15	Finding:	1990.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	460.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	560.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	860.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	221.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	75.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	122.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	1.8
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	7.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	94.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	570.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-JUN-15	Finding:	39.5
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	17-JUN-15	Finding:	900.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-JUN-15	Finding:	3030.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-JUN-15	Finding:	50.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	17-JUN-15	Finding:	3.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	17-JUN-15	Finding:	1480.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	1.
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUN-15	Finding:	21.7
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-JUN-15	Finding:	12.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-MAR-15	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	31-DEC-14	Finding:	26.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-SEP-14	Finding:	29.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-JUN-14	Finding:	29.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-14	Finding:	27.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JAN-14	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-SEP-13	Finding:	20.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	25-MAR-13	Finding:	28.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-DEC-12	Finding:	20.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-SEP-12	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUN-12	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	44.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	360.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JUN-12	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-JUN-12	Finding:	22.1
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	860.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	18-JUN-12	Finding:	11.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	3300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JUN-12	Finding:	1.8
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	90.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	18-JUN-12	Finding:	41.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	122.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	473.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	7.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	1220.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

F30
West
1/2 - 1 Mile
Lower

CA WELLS 2318

Seq:	2318	Prim sta c:	02N/22W-27A01 S
Frds no:	5610068001	County:	56
District:	06	User id:	TAP
System no:	5610068	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1191000.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5610068	System nam:	Cloverdale Mutual Water Co
Hqname:	Not Reported	Address:	135 W MAGNOLIA AVE
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1300	Connection:	250
Area serve:	EL RIO		

F31
West
1/2 - 1 Mile
Lower

CA WELLS 2322

Seq:	2322	Prim sta c:	02N/22W-27L01 S
Frds no:	5610035001	County:	56
District:	06	User id:	TAP

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System no:	5610035	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1191000.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5610035	System nam:	Rio Manor Mutual Water Co
Hqname:	RIO MANOR MUTUAL WATER COMPANY	Address:	135 W. MAGNOLIA AVE.
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1500	Connection:	325
Area serve:	EL RIO		

Sample date:	23-FEB-18	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	08-NOV-17	Finding:	3.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-AUG-17	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	05-MAY-17	Finding:	3.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-FEB-17	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-NOV-16	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	05-AUG-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	11-MAY-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	10-FEB-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	10-FEB-16	Finding:	2.36
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	10-FEB-16	Finding:	1.79
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	10-FEB-16	Finding:	7.54
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L

Dlr:	1.		
Sample date:	10-FEB-16	Finding:	2.88
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-FEB-16	Finding:	7.54
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	10-FEB-16	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-DEC-15	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JUN-15	Finding:	1410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	260.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	320.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	543.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	140.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	47.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	90.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	1.7
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	58.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	17-JUN-15	Finding:	390.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-JUN-15	Finding:	26.6
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	17-JUN-15	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-JUN-15	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	17-JUN-15	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	0.6
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	25.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUN-15	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	5800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JUN-13	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUN-12	Finding:	596.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	153.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	52.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	102.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	1.8
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported

Dlr:	0.		
Sample date:	18-JUN-12	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	59.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JUN-12	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-JUN-12	Finding:	24.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	150.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	6.8
Chemical:	LEAD	Report units:	UG/L
Dlr:	5.		
Sample date:	18-JUN-12	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	2.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	23.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUN-12	Finding:	3.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	18-JUN-12	Finding:	2.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	18-JUN-12	Finding:	11.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	5400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	18-JUN-12	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	1450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	7.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

32
SE
1/2 - 1 Mile
Lower

CA WELLS **2309**

Seq:	2309	Prim sta c:	02N/22W-25M01 S
Frds no:	5602119001	County:	56
District:	86	User id:	56C
System no:	5602119	Water type:	G
Source nam:	WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341327.0	Longitude:	1190835.0
Precision:	2	Status:	AR
Comment 1:	OXNARD	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5602119	System nam:	Valley Villa Trailer Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

G33
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007676**

State Well #:	02N22W24P001S	Station ID:	4561
Well Name:	02N22W24P01S	Well Use:	Irrigation
Well Type:	Single Well	Well Depth:	559
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

G34
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007678**

State Well #:	02N22W24P002S	Station ID:	46059
Well Name:	02N22W24P02S	Well Use:	Irrigation
Well Type:	Single Well	Well Depth:	1283

Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

E35
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007730**

State Well #:	02N22W23H005S	Station ID:	46072
Well Name:	02N22W23H05S	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	226	Basin Name:	Oxnard
Well Completion Rpt #:	Not Reported		

E36
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007731**

State Well #:	02N22W23H006S	Station ID:	46073
Well Name:	02N22W23H06S	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	167	Basin Name:	Oxnard
Well Completion Rpt #:	Not Reported		

37
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000007677**

State Well #:	02N22W22R001S	Station ID:	4549
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

H38
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007741**

State Well #:	02N22W23B004S	Station ID:	4551
Well Name:	02N22W23B04S	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	1150	Basin Name:	Oxnard
Well Completion Rpt #:	Not Reported		

H39
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007740**

State Well #:	02N22W23B003S	Station ID:	27395
Well Name:	02N22W23B03S	Well Use:	Observation

Well Type:	Part of a nested/multi-completion well		
Well Depth:	1250	Basin Name:	Oxnard
Well Completion Rpt #:	Not Reported		

H40
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007744**

State Well #:	02N22W23B007S	Station ID:	4553
Well Name:	02N22W23B07S	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	300	Basin Name:	Oxnard
Well Completion Rpt #:	Not Reported		

H41
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007743**

State Well #:	02N22W23B006S	Station ID:	27396
Well Name:	02N22W23B06S	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	500	Basin Name:	Oxnard
Well Completion Rpt #:	Not Reported		

H42
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007742**

State Well #:	02N22W23B005S	Station ID:	4552
Well Name:	02N22W23B05S	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	870	Basin Name:	Oxnard
Well Completion Rpt #:	Not Reported		

G43
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000142619**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W24P001S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	559
Well Depth Units:	ft	Well Hole Depth:	575
Well Hole Depth Units:	ft		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H44
North
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000142658**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W23B004S	Type:	Well
Description:	SG-1 AT 1110-1150 FT	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19901024	Well Depth:	1150
Well Depth Units:	ft	Well Hole Depth:	1250
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	15	Level reading date:	1994-04-19
Feet below surface:	120.52	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1994-03-29	Feet below surface:	121.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-04	Feet below surface:	81.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-14	Feet below surface:	129.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-12-10	Feet below surface:	134.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-11-08	Feet below surface:	135.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-06-02	Feet below surface:	166.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-05-12	Feet below surface:	170.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-01-08	Feet below surface:	211.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-12-12	Feet below surface:	225.91
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1991-12-11	Feet below surface:	228.49
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1991-10-12	Feet below surface:	229.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-07-17	Feet below surface:	192.40
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-03-23	Feet below surface:	214.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-10	Feet below surface:	238.50
Feet to sea level:	Not Reported	Note:	Not Reported

H45
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000142657**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W23B003S	Type:	Well
Description:	EL RIO SPREADING GROUNDS AT 1210-1250 FT		
HUC:	18070103	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19901024	Well Depth:	1250
Well Depth Units:	ft	Well Hole Depth:	1250
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	14	Level reading date:	1994-04-19
Feet below surface:	121.73	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1994-03-29	Feet below surface:	123.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-04	Feet below surface:	90.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-14	Feet below surface:	130.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-12-10	Feet below surface:	135.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-11-08	Feet below surface:	135.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-06-03	Feet below surface:	167.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-05-13	Feet below surface:	171.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-01-08	Feet below surface:	213.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-12-11	Feet below surface:	228.47
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1991-10-12	Feet below surface:	228.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-07-17	Feet below surface:	201.88
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-03-23	Feet below surface:	215.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-10	Feet below surface:	231.63
Feet to sea level:	Not Reported	Note:	Not Reported

H46
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000142659**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W23B005S	Type:	Well
Description:	SG-1 AT 830-870 FT	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Confined single aquifer
Construction Date:	19901024	Well Depth:	870
Well Depth Units:	ft	Well Hole Depth:	1250
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	20	Level reading date:	1994-04-19
Feet below surface:	105.93	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1994-03-29	Feet below surface:	106.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-04	Feet below surface:	40.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-14	Feet below surface:	114.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-12-10	Feet below surface:	118.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-11-08	Feet below surface:	120.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-04-05	Feet below surface:	135.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-02-03	Feet below surface:	149.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-15	Feet below surface:	161.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-11-10	Feet below surface:	167.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-06-02	Feet below surface:	156.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-05-12	Feet below surface:	159.55
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1992-01-08	Feet below surface:	204.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-12-12	Feet below surface:	205.74
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1991-12-11	Feet below surface:	207.10
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1991-10-13	Feet below surface:	220.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-10-12	Feet below surface:	227.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-07-17	Feet below surface:	193.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-03-23	Feet below surface:	198.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-10	Feet below surface:	211.53
Feet to sea level:	Not Reported	Note:	Not Reported

H47
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000142661**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W23B007S	Type:	Well
Description:	SG-1 AT 260-300 FT	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19901024	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	1250
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	17	Level reading date:	1994-04-19
Feet below surface:	45.91	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1994-03-29	Feet below surface:	44.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-02-04	Feet below surface:	34.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-14	Feet below surface:	48.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-12-10	Feet below surface:	48.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-11-08	Feet below surface:	45.08

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-04-05	Feet below surface:	119.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-02-03	Feet below surface:	134.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-15	Feet below surface:	147.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-11-10	Feet below surface:	152.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-06-02	Feet below surface:	93.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-01-08	Feet below surface:	123.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-12-11	Feet below surface:	126.01
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1991-10-12	Feet below surface:	125.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-07-17	Feet below surface:	122.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-03-23	Feet below surface:	125.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-10	Feet below surface:	130.91
Feet to sea level:	Not Reported	Note:	Not Reported

H48
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000142660**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W23B006S	Type:	Well
Description:	SG-1 AT 460-500 FT	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Confined single aquifer
Construction Date:	19901024	Well Depth:	500
Well Depth Units:	ft	Well Hole Depth:	1250
Well Hole Depth Units:	ft		
Ground water levels,Number of Measurements:	17	Level reading date:	1994-04-19
Feet below surface:	50.28	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1994-03-29	Feet below surface:	48.67
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-02-04	Feet below surface:	39.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-01-14	Feet below surface:	52.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-12-10	Feet below surface:	53.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-11-08	Feet below surface:	54.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-04-05	Feet below surface:	134.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1993-02-03	Feet below surface:	148.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-15	Feet below surface:	160.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-11-10	Feet below surface:	166.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-06-03	Feet below surface:	93.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-01-08	Feet below surface:	116.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-12-11	Feet below surface:	128.13
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1991-10-12	Feet below surface:	126.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-07-17	Feet below surface:	132.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-03-23	Feet below surface:	135.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-01-10	Feet below surface:	143.63
Feet to sea level:	Not Reported	Note:	Not Reported

H49
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007745**

State Well #:	02N22W23B008S	Station ID:	27397
Well Name:	02N22W23B08S	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	157	Basin Name:	Oxnard
Well Completion Rpt #:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H50
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007746**

State Well #:	02N22W23B009S	Station ID:	4554
Well Name:	02N22W23B09S	Well Use:	Observation
Well Type:	Part of a nested/multi-completion well		
Well Depth:	97	Basin Name:	Oxnard
Well Completion Rpt #:	Not Reported		

G51
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000142625**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W24P002S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Confined multiple aquifer
Construction Date:	198109	Well Depth:	1283
Well Depth Units:	ft	Well Hole Depth:	1326
Well Hole Depth Units:	ft		

I52
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000142662**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W23L002S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Unconfined multiple aquifers
Construction Date:	Not Reported	Well Depth:	319
Well Depth Units:	ft	Well Hole Depth:	319
Well Hole Depth Units:	ft		

53
SE
1/2 - 1 Mile
Lower

CA WELLS **2310**

Seq:	2310	Prim sta c:	02N/22W-25N03 S
Frds no:	5602105001	County:	56
District:	86	User id:	56C
System no:	5602105	Water type:	G

Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341325.0	Longitude:	1190830.0
Precision:	2	Status:	AR
Comment 1:	BY NORTH PROPERTY LINE AT REAR OF TRAILER PARK		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	5602105	System nam:	Plaza Mobile Home Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

H54
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000142666**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W23B001S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	277
Well Depth Units:	ft	Well Hole Depth:	307
Well Hole Depth Units:	ft		

I55
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007747**

State Well #:	02N22W23C003S	Station ID:	4556
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

56
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000142629**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W22J002S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	210
Well Depth Units:	ft	Well Hole Depth:	210

Well Hole Depth Units: ft

J57
SE
1/2 - 1 Mile
Lower

CA WELLS 2306

Seq:	2306	Prim sta c:	02N/22W-25L02 S
Frds no:	5602111001	County:	56
District:	06	User id:	TAP
System no:	5602111	Water type:	G
Source nam:	WELL 02 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341330.0	Longitude:	1190820.0
Precision:	2	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5602111	System nam:	Nyeland Acres Mutual Water Co
Hqname:	Not Reported	Address:	3190 SANTA CLARA AVE.
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1072	Connection:	325
Area serve:	Not Reported		

J58
SE
1/2 - 1 Mile
Lower

CA WELLS 2307

Seq:	2307	Prim sta c:	02N/22W-25L03 S
Frds no:	5602111002	County:	56
District:	06	User id:	TAP
System no:	5602111	Water type:	G
Source nam:	WELL 03 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341330.0	Longitude:	1190820.0
Precision:	2	Status:	DS
Comment 1:	WELL IS LOCATED ON SOUTHWEST END OF PROPERTY NEXT TO FRONT FENCE AT 31		
Comment 2:	OXNARD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported

System no:	5602111	System nam:	Nyeland Acres Mutual Water Co
Hqname:	Not Reported	Address:	3190 SANTA CLARA AVE.
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1072	Connection:	325
Area serve:	Not Reported		

59
West
1/2 - 1 Mile
Lower

CA WELLS 2285

Seq:	2285	Prim sta c:	02N/22W-22Q04 S
Frds no:	5602402001	County:	56
District:	06	User id:	TAP

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System no:	5602402	Water type:	G
Source nam:	WELL 01 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341408.0	Longitude:	1191009.0
Precision:	2	Status:	DS
Comment 1:	OXNARD; SOUTH END OF SCHOOL YARD BY FENCE		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported

System no:	5602402	System nam:	El Rio School
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	450	Connection:	0
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
East **OIL_GAS** **CAOG13000000488**
1/8 - 1/4 Mile

API #:	0411105802	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Union Oil Company of California		
Lease Name:	McGrath-McCormick	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
SPUD Date:	Not Reported		

2
West **OIL_GAS** **CAOG13000000464**
1/4 - 1/2 Mile

API #:	0411105778	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Shell Western E&P Inc.	Lease Name:	Snodgrass
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

3
NE **OIL_GAS** **CAOG13000000489**
1/2 - 1 Mile

API #:	0411105803	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Victory Oil Company LLC	Lease Name:	Donlon
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

4
SSE **OIL_GAS** **CAOG13000000458**
1/2 - 1 Mile

API #:	0411105772	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Shell Western E&P Inc.	Lease Name:	Diedrich
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

Map ID
Direction
Distance

Database EDR ID Number

5
NNW
1/2 - 1 Mile

OIL_GAS **CAOG13000000459**

API #:	0411105773	Well #:	2-1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Shell Western E&P Inc.	Lease Name:	Cohn
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

6
SSW
1/2 - 1 Mile

OIL_GAS **CAOG13000000460**

API #:	0411105774	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Shell Western E&P Inc.	Lease Name:	McGrath
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A7
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209452**

API #:	0411120416	Well #:	2A
Well Status:	Idle	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	N
SPUD Date:	Not Reported		

A8
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209443**

API #:	0411120421	Well #:	3
Well Status:	Active	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
SPUD Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

9
SSW **OIL_GAS** **CAOG13000000461**
1/2 - 1 Mile

API #:	0411105775	Well #:	2B
Well Status:	Plugged	Well Type:	DH
Operator Name:	Shell Western E&P Inc.	Lease Name:	McGrath
Field Name:	Any Field	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A10
ESE **OIL_GAS** **CAOG13000209444**
1/2 - 1 Mile

API #:	0411120426	Well #:	4A
Well Status:	Active	Well Type:	Multi
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	N
SPUD Date:	Not Reported		

A11
ESE **OIL_GAS** **CAOG13000209474**
1/2 - 1 Mile

API #:	0411120446	Well #:	1
Well Status:	Idle	Well Type:	Multi
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 2	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
SPUD Date:	Not Reported		

A12
ESE **OIL_GAS** **CAOG13000209473**
1/2 - 1 Mile

API #:	0411120438	Well #:	5
Well Status:	Active	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
SPUD Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

A13
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209476**

API #:	0411120468	Well #:	2
Well Status:	Idle	Well Type:	OG
Operator Name:	Tenneco Oil Company	Lease Name:	Friedrich Unit 3
Field Name:	Santa Clara Avenue	Area Name:	Any Area
GIS Source:	GPS	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

A14
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209448**

API #:	0411120805	Well #:	3
Well Status:	Idle	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 2	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	N
SPUD Date:	Not Reported		

A15
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209460**

API #:	0411121871	Well #:	10
Well Status:	Active	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
SPUD Date:	10/16/1997		

A16
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209464**

API #:	0411121829	Well #:	6
Well Status:	Active	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
SPUD Date:	07/29/1996		

Map ID
Direction
Distance

Database EDR ID Number

A17
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209453**

API #:	0411120390	Well #:	1
Well Status:	Active	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	N
SPUD Date:	Not Reported		

A18
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209461**

API #:	0411121867	Well #:	8
Well Status:	Idle	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
SPUD Date:	08/04/1997		

A19
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209467**

API #:	0411121858	Well #:	7
Well Status:	Idle	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
SPUD Date:	07/15/1997		

A20
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209468**

API #:	0411121856	Well #:	5
Well Status:	Idle	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 2	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
SPUD Date:	05/02/1997		

Map ID
Direction
Distance

Database EDR ID Number

A21
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209462**

API #:	0411121868	Well #:	9
Well Status:	Active	Well Type:	OG
Operator Name:	California Resources Production Corporation		
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
SPUD Date:	08/26/1997		

A22
ESE
1/2 - 1 Mile

OIL_GAS **CAOG13000209472**

API #:	0411120457	Well #:	2
Well Status:	Plugged	Well Type:	DH
Operator Name:	HCT Oil & Gas Co.	Lease Name:	Friedrich Unit 2
Field Name:	Santa Clara Avenue	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	Y	SPUD Date:	Not Reported

B23
WNW
1/2 - 1 Mile

OIL_GAS **CAOG13000093185**

API #:	0411100571	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Shell Western E&P Inc.	Lease Name:	Grubb
Field Name:	El Rio (ABD)	Area Name:	Any Area
GIS Source:	GPS	Confidential Well:	N
Directionally Drilled:	Y	SPUD Date:	04/13/1928

B24
WNW
1/2 - 1 Mile

OIL_GAS **CAOG13000093180**

API #:	0411100568	Well #:	1
Well Status:	Plugged	Well Type:	DH
Operator Name:	Chevron U.S.A. Inc.	Lease Name:	Grubb
Field Name:	El Rio (ABD)	Area Name:	Any Area
GIS Source:	hud	Confidential Well:	N
Directionally Drilled:	N	SPUD Date:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93036	18	1

Federal EPA Radon Zone for VENTURA County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for VENTURA COUNTY, CA

Number of sites tested: 135

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.185 pCi/L	96%	4%	0%
Living Area - 2nd Floor	0.800 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APN 144-011-022

3410 North Rose Avenue

Oxnard, CA 93036

Inquiry Number: 6104542.3

June 26, 2020

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/26/20

Site Name:

APN 144-011-022
3410 North Rose Avenue
Oxnard, CA 93036
EDR Inquiry # 6104542.3

Client Name:

Tetra Tech, Inc.
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Contact: Jim Steele

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

Certification # 6B8C-45B1-974F

PO # 40696

Project Rio School District Property

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 6B8C-45B1-974F

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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APN 144-011-022
3410 North Rose Avenue
Oxnard, CA 93036

Inquiry Number: 6104542.5
June 26, 2020

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

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City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

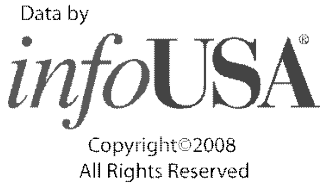
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1926 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2017	Cole Information Services	-	X	X	-
2014	Cole Information Services	-	X	X	-
2009	Cole Information Services	-	X	X	-
2004	Cole Information Services	-	X	X	-
2002	Haines & Company, Inc.	-	X	X	-
	Haines & Company, Inc.	X	X	X	-
2000	Pacific Bell Telephone Co	-	-	-	-
1999	Cole Information Services	-	X	X	-
1996	Pacific Bell	-	X	X	-
1994	Cole Information Services	-	X	X	-
1993	GTE	-	X	X	-
1986	Pacific Bell	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1986	Pacific Bell	X	X	X	-
1985	Pacific Telephone Co	-	X	X	-
	Pacific Telephone Co	X	X	X	-
1980	Polk	-	X	X	-
	Polk	X	X	X	-
1976	R. L. Polk & Co.	-	X	X	-
1975	General Telephone Company of California	-	X	X	-
	General Telephone Company of California	X	X	X	-
	Pacific Telephone Co	-	X	X	-
	Pacific Telephone Co	X	X	X	-
1971	B&G Publications	-	-	-	-
1970	General Telephone Company of California	-	X	X	-
1968	B&G Publications	-	-	-	-
1965	R. L. Polk & Co.	-	X	X	-
1964	Pacific Telephone Co	-	X	X	-
1961	R. L. Polk & Co.	-	X	X	-
1957	R. L. Polk & Co.	-	-	-	-
1953	R. L. Polk & Co. of California	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1940	Southern California	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

3410 North Rose Avenue
Oxnard, CA 93036

FINDINGS DETAIL

Target Property research detail.

N ROSE AVE

3410 N ROSE AVE

Year	*Uses*	*Source*
2002	XXXX	Haines & Company, Inc.
1986	Laubacher Steve Jr	Pacific Bell
1985	Mc Grath Thos	Pacific Telephone Co
1980	Mc Grath Thos	Polk
1975	Petre Archie	General Telephone Company of California
	Petre Arclhie	Pacific Telephone Co

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CORSICANA DR

1012 CORSICANA DR

Year	Uses	Source
2017	BRETT PASTORIUS	Cole Information Services
	BRETT PASTORIUS	Cole Information Services
2014	CANDACE PASTORIUS	Cole Information Services
	CANDACE PASTORIUS	Cole Information Services
2009	DANE PASTORIUS	Cole Information Services
	DANE PASTORIUS	Cole Information Services
2004	DANE PASTORIUS	Cole Information Services
	DANE PASTORIUS	Cole Information Services
2002	PASTORIUSAlbert	Haines & Company, Inc.
	PASTORIUSAlbert	Haines & Company, Inc.
1999	DANE PASTORIUS	Cole Information Services
	DANE PASTORIUS	Cole Information Services
1986	Pistorius A	Pacific Bell
	Pistorius A	Pacific Bell
1985	Pistorius A	Pacific Telephone Co
	Pistorius A	Pacific Telephone Co
1976	Burton Virgil C	R. L. Polk & Co.
	Burton Virgil C	R. L. Polk & Co.
1975	Burton Virgil C	General Telephone Company of California
	Burton Virgil C	General Telephone Company of California
1970	Jackson Howard	General Telephone Company of California
	Jackson Howard	General Telephone Company of California
1965	JACKSON HOWARD B	R. L. Polk & Co.
	JACKSON HOWARD B	R. L. Polk & Co.
1964	Jackson Howard	Pacific Telephone Co
	Jackson Howard	Pacific Telephone Co
1961	Moore Isaac R hu	R. L. Polk & Co.
	Moore Isaac R hu	R. L. Polk & Co.

FINDINGS

1015 CORSICANA DR

Year	*Uses*	*Source*
2017	JUDITH GUEVARA	Cole Information Services
	JUDITH GUEVARA	Cole Information Services
2014	JUDITH GUEVARA	Cole Information Services
	JUDITH GUEVARA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	SANDRA WHITTEN	Cole Information Services
	SANDRA WHITTEN	Cole Information Services
2002	WHITTEN 8 Bruce T	Haines & Company, Inc.
	WHITTEN 8 Bruce T	Haines & Company, Inc.
1999	WHITTEN BRUCE FAX	Cole Information Services
	WHITTEN BRUCE FAX	Cole Information Services
1996	Whltten Bruce 9a	Pacific Bell
	Whltten Bruce 9a	Pacific Bell
1994	WHITTEN, BRUCE T	Cole Information Services
	WHITTEN, BRUCE T	Cole Information Services
1993	Whitten Bruce T	GTE
	Whitten Bruce T	GTE
	Whitten J @Oxnard	GTE
	Whitten Bruce T	GTE
	Whitten Bruce T	GTE
	Whitten J @Oxnard	GTE
1986	Whitten Bruce T	Pacific Bell
	Whitten Bruce T	Pacific Bell
1985	Whitten Bruce T	Pacific Telephone Co
	Whitten Bruce T	Pacific Telephone Co
1980	Whitten Bruce T	Polk
	Whitten Bruce T	Polk
1976	Rayna Joseph F	R. L. Polk & Co.
	Rayna Joseph F	R. L. Polk & Co.
1975	Rayna Jos F	General Telephone Company of California
	Rayna Jos F	Pacific Telephone Co
	Rayna Jos F	Pacific Telephone Co
	Rayna Jos F	General Telephone Company of California
1970	RAYN E OF OXN ARD	General Telephone Company of California
	Rayna Jos F	General Telephone Company of California
	RAYN E OF OXN ARD	General Telephone Company of California

FINDINGS

Year	Uses	Source
1970	Rayna Jos F	General Telephone Company of California
1965	RAYNA JOSEPH F	R. L. Polk & Co.
	RAYNA JOSEPH F	R. L. Polk & Co.
1964	Rayna Jos F	Pacific Telephone Co
	Rayna Jos F	Pacific Telephone Co
1961	Rayna Jos	R. L. Polk & Co.
	Rayna Jos	R. L. Polk & Co.

1024 CORSICANA DR

Year	Uses	Source
2017	RENNEE DEHESA	Cole Information Services
	RENNEE DEHESA	Cole Information Services
2014	RENNEE DEHESA	Cole Information Services
	RENNEE DEHESA	Cole Information Services
2009	RAMON FARIAS	Cole Information Services
	RAMON FARIAS	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2002	OSCAIELiian SCAIFE	Haines & Company, Inc.
	OSCAIELiian SCAIFE	Haines & Company, Inc.
1999	RAMON FARIAS	Cole Information Services
	RAMON FARIAS	Cole Information Services
1996	Sca Bs Uan	Pacific Bell
	Sca Bs Uan	Pacific Bell
1993	Scales David	GTE
	Scaife Lillian & Walter	GTE
	Scaife Lillian & Walter	GTE
	Scales David	GTE
	Scaife Lillian & Walter	GTE
	Scaife Lillian & Walter	GTE
1986	Scaife R Oxnard	Pacific Bell
	Scaife Lillian Lounsbury	Pacific Bell
	Scaife R Oxnard	Pacific Bell
	Scaife Lillian Lounsbury	Pacific Bell
1985	Scaife Lillian Lounsbury	Pacific Telephone Co
	Scaife Lillian Lounsbury	Pacific Telephone Co
1980	Lounsbury Dan	Polk
	Lounsbury Dan	Polk
1976	Lounsbury Dan E	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1976	Air Conditioning Service Co	R. L. Polk & Co.
	Lounsbury Dan E	R. L. Polk & Co.
	Air Conditioning Service Co	R. L. Polk & Co.
1975	Lounsbury Dan E Air Conditioning & Heating	Pacific Telephone Co
	Dan Lounsbury Air Conditioning Service Co	Pacific Telephone Co
	Lounsbury Dan E Air Conditioning & Heating	General Telephone Company of California
	Dan Lounsbury Air Conditioning Service Co	General Telephone Company of California
	Air Conditioning Service Co	General Telephone Company of California
	Lounsbury Dan E Air Conditioning & Heating	Pacific Telephone Co
	Dan Lounsbury Air Conditioning Service Co	Pacific Telephone Co
	Lounsbury Dan E Air Conditioning & Heating	General Telephone Company of California
	Dan Lounsbury Air Conditioning Service Co	General Telephone Company of California
	Air Conditioning Service Co	General Telephone Company of California
1970	ROCK S HOP LOUN S BURYS	General Telephone Company of California
	Lounsbury Dan E air conditng	General Telephone Company of California
	Air Conditioning Service Co	General Telephone Company of California
	ROCK S HOP LOUN S BURYS	General Telephone Company of California
	Lounsbury Dan E air conditng	General Telephone Company of California
	Air Conditioning Service Co	General Telephone Company of California
1965	LOUNSBURY DAN	R. L. Polk & Co.
	LOUNSBURY DAN	R. L. Polk & Co.
1964	Lounsbury Dan E	Pacific Telephone Co
	Lounsbury Dan E	Pacific Telephone Co
1961	Weasner Paul P 4 HU	R. L. Polk & Co.
	Weasner Paul P 4 HU	R. L. Polk & Co.

1039 CORSICANA DR

Year	Uses	Source
2017	MICHELLE FOSTER	Cole Information Services
	MICHELLE FOSTER	Cole Information Services
2014	FRANK FOSTER	Cole Information Services
	FRANK FOSTER	Cole Information Services
2009	FRANK FOSTER	Cole Information Services
	AXXCEL SILKSCREEN PRINTING	Cole Information Services

FINDINGS

Year	Uses	Source
2009	FOSTERZ CONSTRUCTION & HANDYMAN SERV	Cole Information Services
	FRANK FOSTER	Cole Information Services
	AXXCEL SILKSCREEN PRINTING	Cole Information Services
	FOSTERZ CONSTRUCTION & HANDYMAN SERV	Cole Information Services
2004	DUANE FOSTER	Cole Information Services
	DUANE FOSTER	Cole Information Services
2002	08 ARTER Charles	Haines & Company, Inc.
	08 ARTER Charles	Haines & Company, Inc.
1999	FRANK FOSTER	Cole Information Services
	FRANK FOSTER	Cole Information Services
1996	Apartment GHSE Foster Stephanie	Pacific Bell
	Apartment GHSE Foster Stephanie	Pacific Bell
1976	No Return	R. L. Polk & Co.
	No Return	R. L. Polk & Co.
1965	VACANT	R. L. Polk & Co.
	VACANT	R. L. Polk & Co.
1961	Lopez Salvador t HU	R. L. Polk & Co.
	Lopez Salvador t HU	R. L. Polk & Co.

1054 CORSICANA DR

Year	Uses	Source
2017	EVANGELINA BARROSO	Cole Information Services
	EVANGELINA BARROSO	Cole Information Services
2014	FERNANDO BARROSO	Cole Information Services
	FERNANDO BARROSO	Cole Information Services
2004	FRANCES KUCIA	Cole Information Services
	FRANCES KUCIA	Cole Information Services
1996	Kuca Joe A	Pacific Bell
	Kuca Joe A	Pacific Bell
1994	KUCIA, JOSEPH A	Cole Information Services
	KUCIA, JOSEPH A	Cole Information Services
1993	Kucinskas J	GTE
	Kucia Jos A	GTE
	Kucia Jos A	GTE
	Kucinskas J	GTE
	Kucia Jos A	GTE
	Kucia Jos A	GTE
1986	Kucinskas J	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Kucia Jos A	Pacific Bell
	Kucinskas J	Pacific Bell
	Kucia Jos A	Pacific Bell
1985	Kucia Jos A	Pacific Telephone Co
	Kucia Jos A	Pacific Telephone Co
1976	Kucia Barbara A	R. L. Polk & Co.
	Kucia Joseph A	R. L. Polk & Co.
	Kucia Barbara A	R. L. Polk & Co.
	Kucia Joseph A	R. L. Polk & Co.
1975	Kucla Jos A	General Telephone Company of California
	Kucia Jos A	Pacific Telephone Co
	Kucia Jos A	Pacific Telephone Co
	Kucla Jos A	General Telephone Company of California
1970	Kucia Jos A	General Telephone Company of California
	Kucia Jos A	General Telephone Company of California
1965	KUCIA JOSEPH A	R. L. Polk & Co.
	KUCIA JOSEPH A	R. L. Polk & Co.
1964	Ktcia Jos A	Pacific Telephone Co
	Ktcia Jos A	Pacific Telephone Co
1961	Kucia Jos A hu	R. L. Polk & Co.
	Kucia Jos A hu	R. L. Polk & Co.

1073 CORSICANA DR

Year	Uses	Source
2017	FIDEL ACOSTA	Cole Information Services
	FIDEL ACOSTA	Cole Information Services
2014	FIDEL ACOSTA	Cole Information Services
	FIDEL ACOSTA	Cole Information Services
2009	IVETT TRUJILLO	Cole Information Services
	IVETT TRUJILLO	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2002	HOPWOOOArhur JI	Haines & Company, Inc.
	DAYTONWendel 00 I	Haines & Company, Inc.
	HOPWOOOArhur JI	Haines & Company, Inc.
	DAYTONWendel 00 I	Haines & Company, Inc.
1999	IVETT TRUJILLO	Cole Information Services
	IVETT TRUJILLO	Cole Information Services
1994	HOPWOOD, ARTHUR JR	Cole Information Services

FINDINGS

Year	Uses	Source
1994	HOPWOOD, ARTHUR JR	Cole Information Services
1993	Hopwood Arthur Jr	GTE
	Hopwood Arthur Jr	GTE
	Hopwood Cathy @Camarillo	GTE
	Hopwood Cathy @Camarillo	GTE
	Hopwood Arthur Jr	GTE
	Hopwood Arthur Jr	GTE
1986	Hopwood Arthur Jr	Pacific Bell
	Hopwood Arthur Jr	Pacific Bell
1976	Jordans Sanitation Service	R. L. Polk & Co.
	Campbell Earl	R. L. Polk & Co.
	Jordans Sanitation Service	R. L. Polk & Co.
	Campbell Earl	R. L. Polk & Co.
1975	S E RVICE	General Telephone Company of California
	SERVICE	Pacific Telephone Co
	JORDANS SANITATION & ROOTER	Pacific Telephone Co
	From Ventura Telephones Ca	General Telephone Company of California
	S E RVICE	General Telephone Company of California
	From Ventura Telephones Ca	General Telephone Company of California
	JORDANS SANITATION & ROOTER	Pacific Telephone Co
	SERVICE	Pacific Telephone Co
1970	No Charge Ask Opr for Zenith	General Telephone Company of California
	From Ventura telephones call	General Telephone Company of California
	Campbell Earl W	General Telephone Company of California
	No Charge Ask Opr for Zenith	General Telephone Company of California
	From Ventura telephones call	General Telephone Company of California
	Campbell Earl W	General Telephone Company of California
1965	CAMPBELL EARL	R. L. Polk & Co.
	CAMPBELL EARL	R. L. Polk & Co.
1964	Campbell Earl W	Pacific Telephone Co
	Campbell Earl W	Pacific Telephone Co
1961	Dean Jas S hu	R. L. Polk & Co.
	Dean Jas S hu	R. L. Polk & Co.

1075 CORSICANA DR

Year	Uses	Source
2017	RIGOBERTO LAZARO	Cole Information Services
	RIGOBERTO LAZARO	Cole Information Services
2014	RIGOBERTO RIVERA	Cole Information Services

FINDINGS

Year	Uses	Source
2014	RIGOBERTO RIVERA	Cole Information Services
2009	RIGOBERTO RIVERA	Cole Information Services
	RIGOBERTO RIVERA	Cole Information Services
2004	WEN DAYTON	Cole Information Services
	WEN DAYTON	Cole Information Services
2002	HOPWOODArthur	Haines & Company, Inc.
	0 AYTON Wendell L	Haines & Company, Inc.
	HOPWOODArthur	Haines & Company, Inc.
	0 AYTON Wendell L	Haines & Company, Inc.
1999	RIGOBERTO RIVERA	Cole Information Services
	RIGOBERTO RIVERA	Cole Information Services
1994	DAYTON, WENDELL L	Cole Information Services
	DAYTON, WENDELL L	Cole Information Services
1993	Dayton Wendell L	GTE
	Dayton Wendell L	GTE
	Dayton Wendell L	GTE
	Dayton Wendell L	GTE
1976	Dayton Wendell L	R. L. Polk & Co.
	Dayton Studio Of Music violin & piano tchr	R. L. Polk & Co.
	Dayton Studio Of Music violin & piano tchr	R. L. Polk & Co.
	Dayton Wendell L	R. L. Polk & Co.
1975	Dayton Studio Of Music	Pacific Telephone Co
	Dayton Wendell L	Pacific Telephone Co
	Dayton Studio Of Music	General Telephone Company of California
	Dayton Wendell L	General Telephone Company of California
	Dayton Wendell L	General Telephone Company of California
	Dayton Studio Of Music	General Telephone Company of California
	Dayton Studio Of Music	Pacific Telephone Co
	Dayton Wendell L	Pacific Telephone Co
1970	Dayton Wendell L	General Telephone Company of California
	Dayton Studio of Music	General Telephone Company of California
	Dayton Studio of Music	General Telephone Company of California
	Dayton Wendell L	General Telephone Company of California
1965	DAYTON WENDELL L	R. L. Polk & Co.
	DAYTON WENDELL L	R. L. Polk & Co.
1964	Dayton W L	Pacific Telephone Co
	Dayton W L	Pacific Telephone Co
1961	Dayton Wendell L hu	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1961	Dayton Wendell L hu	R. L. Polk & Co.

1076 CORSICANA DR

Year	Uses	Source
2017	JUAN MORENO	Cole Information Services
	JUAN MORENO	Cole Information Services
2014	FABIAN CAMARILLO	Cole Information Services
	FABIAN CAMARILLO	Cole Information Services
2009	FABIAN CAMARILLO	Cole Information Services
	FABIAN CAMARILLO	Cole Information Services
2004	GUADALUPE BARRAJAS	Cole Information Services
	GUADALUPE BARRAJAS	Cole Information Services
2002	BA RA 5 ASGuadalupe	Haines & Company, Inc.
	HOWELLJas H	Haines & Company, Inc.
	OMOHOON Arth 51 00 l	Haines & Company, Inc.
	BA RA 5 ASGuadalupe	Haines & Company, Inc.
	HOWELLJas H	Haines & Company, Inc.
	OMOHOON Arth 51 00 l	Haines & Company, Inc.
1996	Barreaaa Guadalupe	Pacific Bell
	Barreaaa Guadalupe	Pacific Bell
1994	MEDINA, RAFAEL	Cole Information Services
	MEDINA, RAFAEL	Cole Information Services
1993	Medina Rafael	GTE
	Medina Rafael	GTE
	Medina Rafael	GTE
	Medina Rafael	GTE
1985	Castanon Emily	Pacific Telephone Co
	Castanon Emily	Pacific Telephone Co
1976	Ramirez Gregorio C	R. L. Polk & Co.
	Ramirez Gregorio C	R. L. Polk & Co.
1975	Ramirez Geo	Pacific Telephone Co
	Ramirez Geo	Pacific Telephone Co
1970	Ramirez Geo	General Telephone Company of California
	Ramirez Geo	General Telephone Company of California
1965	RANMIREZ GREGORIO	R. L. Polk & Co.
	RANMIREZ GREGORIO	R. L. Polk & Co.
1964	Ramirez Geo	Pacific Telephone Co
	Ramirez Geo	Pacific Telephone Co

FINDINGS

1102 CORSICANA DR

Year	Uses	Source
2017	JOHNNY AVILA	Cole Information Services
	JOHNNY AVILA	Cole Information Services
2014	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	JOHNNY AVILA	Cole Information Services
	JOHNNY AVILA	Cole Information Services
2004	JOHNNY AVILA	Cole Information Services
	JOHNNY AVILA	Cole Information Services
2002	OAVIWLJohnny	Haines & Company, Inc.
	OAVIWLJohnny	Haines & Company, Inc.
1999	JOHNNY AVILA	Cole Information Services
	JOHNNY AVILA	Cole Information Services
1980	Lorenzana Danny	Polk
	Lorenzana Danny	Polk
1976	Clark Connie	R. L. Polk & Co.
	Clark Edw D	R. L. Polk & Co.
	Clark Connie	R. L. Polk & Co.
	Clark Edw D	R. L. Polk & Co.
1975	Clark Dail	General Telephone Company of California
	Clark Daniel l 408 Clay @Ventura	General Telephone Company of California
	Clark Dail	General Telephone Company of California
	Clark Daniel l 408 Clay @Ventura	General Telephone Company of California
1965	CLARK EDW D	R. L. Polk & Co.
	CLARK EDW D	R. L. Polk & Co.
1961	Clark Edw D hu	R. L. Polk & Co.
	Clark Edw D hu	R. L. Polk & Co.

1111 CORSICANA DR

Year	Uses	Source
2017	GREGORY DELGADO	Cole Information Services
	GREGORY DELGADO	Cole Information Services
2014	GREGORY DELGADO	Cole Information Services
	GREGORY DELGADO	Cole Information Services
2009	GREGORY DELGADO	Cole Information Services
	GREGORY DELGADO	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2002	DELGA 00 Mary	Haines & Company, Inc.

FINDINGS

Year	Uses	Source
2002	DELGA 00 Mary	Haines & Company, Inc.
1999	GREGORY DELGADO	Cole Information Services
	GREGORY DELGADO	Cole Information Services
1996	Delgado Mary	Pacific Bell
	Delgado Mary	Pacific Bell
1976	Delgado Mary S Mrs	R. L. Polk & Co.
	Delgado Mary S Mrs	R. L. Polk & Co.
1965	DELGADO GREGCRY M	R. L. Polk & Co.
	DELGADO GREGCRY M	R. L. Polk & Co.
1961	Delgado Gregory M s HU	R. L. Polk & Co.
	Delgado Gregory M s HU	R. L. Polk & Co.

1124 CORSICANA DR

Year	Uses	Source
2017	FLORENCIO MENDEZ	Cole Information Services
	FLORENCIO MENDEZ	Cole Information Services
2014	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	MARK JETTON	Cole Information Services
	MARK JETTON	Cole Information Services
2004	MARK JETTON	Cole Information Services
	MARK JETTON	Cole Information Services
1999	MARK JETTON	Cole Information Services
	MARK JETTON	Cole Information Services
1996	Jetton Opal	Pacific Bell
	Jetton Opal	Pacific Bell
1994	JETTON, W W	Cole Information Services
	JETTON, W W	Cole Information Services
1993	Jetton Winifred W	GTE
	Jevens JM	GTE
	Jevyak Neal T	GTE
	Jetton Winifred W	GTE
	Jetton Winifred W	GTE
	Jetton Winifred W	GTE
	Jevens JM	GTE
	Jevyak Neal T	GTE
1986	Jetton Winifred W	Pacific Bell
	Jetton Winifred W	Pacific Bell
1985	Jetton Winifred W	Pacific Telephone Co

FINDINGS

Year	Uses	Source
1985	Jetton Winifred W	Pacific Telephone Co
1980	Jetton Winifred W	Polk
	Jetton Winifred W	Polk
1976	Jetton Winfred W	R. L. Polk & Co.
	Jetton Winfred W	R. L. Polk & Co.
1975	Jetton Winifred W	Pacific Telephone Co
	Jetton Winifred W	General Telephone Company of California
	Jetton Winifred W	Pacific Telephone Co
	Jetton Winifred W	General Telephone Company of California
1965	JETTON WINFRED W	R. L. Polk & Co.
	JETTON WINFRED W	R. L. Polk & Co.
1961	Jetton Winfred W HU	R. L. Polk & Co.
	Jetton Winfred W HU	R. L. Polk & Co.

1164 CORSICANA DR

Year	Uses	Source
2014	EVANGELINA BARROSO	Cole Information Services
	EVANGELINA BARROSO	Cole Information Services
2009	ROSIE ROBLES	Cole Information Services
	ROSIE ROBLES	Cole Information Services
2002	0 BARROSOFernando	Haines & Company, Inc.
	0 BARROSOFernando	Haines & Company, Inc.
1999	ROSIE ROBLES	Cole Information Services
	ROSIE ROBLES	Cole Information Services
1996	Barros Ferando	Pacific Bell
	Barros Ferando	Pacific Bell
1994	BARROSO, F	Cole Information Services
	BARROSO, F	Cole Information Services
1986	Barroso Fernando	Pacific Bell
	Barroso Fernando	Pacific Bell
1985	Barroso Fernando	Pacific Telephone Co
	Barroso Fernando	Pacific Telephone Co
1980	Tutor Gerald	Polk
	Tutor Gerald	Polk
1976	Hickey Norma C Mrs	R. L. Polk & Co.
	Hickey Norma C Mrs	R. L. Polk & Co.
1975	Hickey Jack F	Pacific Telephone Co
	Phipps Dewey	General Telephone Company of California
	Hickey Jack F	Pacific Telephone Co

FINDINGS

Year	Uses	Source
1975	Phipps Dewey	General Telephone Company of California
1970	Hickey Jack F	General Telephone Company of California
	Hickey Jack F	General Telephone Company of California
1965	HICKEY JACK F	R. L. Polk & Co.
	HICKEY JACK F	R. L. Polk & Co.
1964	Hickey Jack F	Pacific Telephone Co
	Hickey Jack F	Pacific Telephone Co
1961	Hickey Jack F hu	R. L. Polk & Co.
	Hickey Jack F hu	R. L. Polk & Co.

1176 CORSICANA DR

Year	Uses	Source
2017	CAROLE WARNER	Cole Information Services
	CAROLE WARNER	Cole Information Services
2014	ROBERT WARNER	Cole Information Services
	ROBERT WARNER	Cole Information Services
2009	MARGIE HERNANDEZ	Cole Information Services
	MARGIE HERNANDEZ	Cole Information Services
2004	VERONICA HERNANDEZ	Cole Information Services
	VERONICA HERNANDEZ	Cole Information Services
2002	WARMERRolbert	Haines & Company, Inc.
	WARMERRolbert	Haines & Company, Inc.
1999	MARGIE HERNANDEZ	Cole Information Services
	MARGIE HERNANDEZ	Cole Information Services
1994	SOLES, KENNETH	Cole Information Services
	SOLES, KENNETH	Cole Information Services
1993	Soles Kenneth	GTE
	Soles Kenneth	GTE
	Soles Kenneth	GTE
	Soles Kenneth	GTE
1986	Winton Mike & Fran	Pacific Bell
	Winton Mike & Fran	Pacific Bell
1985	Winton Mike & Fran	Pacific Telephone Co
	Winton Mike & Fran	Pacific Telephone Co
1976	Warner Robt	R. L. Polk & Co.
	Warner Robt	R. L. Polk & Co.
1965	LEACH KENNETH C	R. L. Polk & Co.
	LEACH KENNETH C	R. L. Polk & Co.
1961	Vacant	R. L. Polk & Co.

Year	Uses	Source
1961	Vacant	R. L. Polk & Co.

1202 CORSICANA DR

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	NORIO YAMASAKI	Cole Information Services
	NORIO YAMASAKI	Cole Information Services
2004	MERCEDES ARTEAGA	Cole Information Services
	MERCEDES ARTEAGA	Cole Information Services
2002	XXXX	Haines & Company, Inc.
	XXXX	Haines & Company, Inc.
1999	NORIO YAMASAKI	Cole Information Services
	NORIO YAMASAKI	Cole Information Services
1986	Razo Javier Cabrera	Pacific Bell
	Razo Javier Cabrera	Pacific Bell
1985	Razo Javier Cabrera	Pacific Telephone Co
	Razo Javier Cabrera	Pacific Telephone Co
1980	Takata Tom	Polk
	Takata Tom	Polk
1976	Farland Charles	R. L. Polk & Co.
	Farland Charles	R. L. Polk & Co.
1975	Farland Chas A	General Telephone Company of California
	Farland Chas A	Pacific Telephone Co
	Farland Chas A	Pacific Telephone Co
	Farland Chas A	General Telephone Company of California
1970	Angelucci Paul	General Telephone Company of California
	Angelucci Paul	General Telephone Company of California

E CORSICANA DR

1102 E CORSICANA DR

Year	Uses	Source
1970	Clark Dail	General Telephone Company of California
	Clark Dail	General Telephone Company of California

1124 E CORSICANA DR

Year	Uses	Source
1970	Jetton Winfred W	General Telephone Company of California
	Jetton Winfred W	General Telephone Company of California

Year	Uses	Source
1964	Jetton Winfred W	Pacific Telephone Co
	Jetton Winfred W	Pacific Telephone Co

E WALNUT DR

1258 E WALNUT DR

Year	Uses	Source
1964	KEENAN FRANK J contr	Pacific Telephone Co
	KEENAN FRANK J contr	Pacific Telephone Co

GEORGE

3306 GEORGE

Year	Uses	Source
1961	Miller Henry V	R. L. Polk & Co.
	Miller Henry V	R. L. Polk & Co.

3320 GEORGE

Year	Uses	Source
1961	Kossow Richd P hu	R. L. Polk & Co.
	Kossow Richd P hu	R. L. Polk & Co.

3334 GEORGE

Year	Uses	Source
1961	Bayer Howard C	R. L. Polk & Co.
	Bayer Howard C	R. L. Polk & Co.

3358 GEORGE

Year	Uses	Source
1961	Nevarez Henry V hu	R. L. Polk & Co.
	Nevarez Henry V hu	R. L. Polk & Co.

3372 GEORGE

Year	Uses	Source
1961	Hinson Bobbi Mrs AHU	R. L. Polk & Co.
	Hinson Bobbi Mrs AHU	R. L. Polk & Co.

FINDINGS

GEORGE ST

3306 GEORGE ST

Year	Uses	Source
2017	JOSEFINA AGUILAR	Cole Information Services
	JOSEFINA AGUILAR	Cole Information Services
2014	ANDRES AGUILAR	Cole Information Services
	ANDRES AGUILAR	Cole Information Services
2009	ANDRES AGUILAR	Cole Information Services
	ANDRES AGUILAR	Cole Information Services
2004	ANDRES AGUILAR	Cole Information Services
	ANDRES AGUILAR	Cole Information Services
2002	AGLBLARAndres	Haines & Company, Inc.
	AGLBLARAndres	Haines & Company, Inc.
1999	ANDRES AGUILAR	Cole Information Services
	ANDRES AGUILAR	Cole Information Services
1996	lar Andres	Pacific Bell
	lar Andres	Pacific Bell
1994	AGUILAR, ANDRES	Cole Information Services
	AGUILAR, ANDRES	Cole Information Services
1993	Aguilar Anita @Camarillo	GTE
	Aguilar Angel @Oxnard	GTE
	Aguilar Andres	GTE
	Aguilar Andres	GTE
	Aguilar Anita @Camarillo	GTE
	Aguilar Angel @Oxnard	GTE
	Aguilar Andres	GTE
	Aguilar Andres	GTE
1986	Barrett W	Pacific Bell
	Barrett Tony	Pacific Bell
	Barrett W	Pacific Bell
	Barrett Tony	Pacific Bell
1985	Barrett Tony	Pacific Telephone Co
	Barrett Tony	Pacific Telephone Co
1980	Barrett Tony	Polk
	Barrett Tony	Polk
1976	No Return	R. L. Polk & Co.
	No Return	R. L. Polk & Co.
1975	Hickok Larry R	General Telephone Company of California

FINDINGS

Year	Uses	Source
1975	Hickok Larry R	General Telephone Company of California
1970	Armstrong Boris S	General Telephone Company of California
	Armstrong Boris S	General Telephone Company of California
1965	VACANT	R. L. Polk & Co.
	VACANT	R. L. Polk & Co.
1964	Owens Robt A	Pacific Telephone Co
	Owens Robt A	Pacific Telephone Co

3320 GEORGE ST

Year	Uses	Source
2017	JESUS CALDERON	Cole Information Services
	JESUS CALDERON	Cole Information Services
2014	JESUS CALDERON	Cole Information Services
	JESUS CALDERON	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	GORGE GONZALEZ	Cole Information Services
	GORGE GONZALEZ	Cole Information Services
2002	PEREZMasa	Haines & Company, Inc.
	PEREZMasa	Haines & Company, Inc.
1996	fos Ramn	Pacific Bell
	fos Ramn	Pacific Bell
1986	Bacilek Geo A	Pacific Bell
	Bacilek Geo A	Pacific Bell
1985	Baciilek Geo A	Pacific Telephone Co
	Baciilek Geo A	Pacific Telephone Co
1980	Bacilek Geo A	Polk
	Bacilek Geo A	Polk
1976	Vacant	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
1975	Leblo Beverly	General Telephone Company of California
	Leblo Beverly	General Telephone Company of California
1970	Burchett Rex	General Telephone Company of California
	Burchett Rex	General Telephone Company of California
1965	DOCKERY EDW A	R. L. Polk & Co.
	DOCKERY EDW A	R. L. Polk & Co.
1964	Pizzolato V B	Pacific Telephone Co
	Pizzolato V B	Pacific Telephone Co

FINDINGS

3334 GEORGE ST

Year	Uses	Source
2017	SERGIO LOPEZ	Cole Information Services
	SERGIO LOPEZ	Cole Information Services
2014	SERGIO SUAREZ	Cole Information Services
	SERGIO SUAREZ	Cole Information Services
2009	SERGIO LOPEZ	Cole Information Services
	SERGIO LOPEZ	Cole Information Services
2004	SAMUEL PRADO	Cole Information Services
	SERGIO SUAREZ-LOPEZ	Cole Information Services
	LAURO LOPEZ	Cole Information Services
	SAMUEL PRADO	Cole Information Services
	SERGIO SUAREZ-LOPEZ	Cole Information Services
	LAURO LOPEZ	Cole Information Services
2002	LOPEZ Lauro Gualen	Haines & Company, Inc.
	SUAREZULope Seegio	Haines & Company, Inc.
	P 5 ACOSamuel	Haines & Company, Inc.
	LOPEZ Lauro Gualen	Haines & Company, Inc.
	SUAREZULope Seegio	Haines & Company, Inc.
	P 5 ACOSamuel	Haines & Company, Inc.
1999	SERGIO LOPEZ	Cole Information Services
	SERGIO LOPEZ	Cole Information Services
1996	Urbe Eeo	Pacific Bell
	Ozuna Jose Manuel	Pacific Bell
	Urbe Eeo	Pacific Bell
	Ozuna Jose Manuel	Pacific Bell
1976	Guzman Fladio	R. L. Polk & Co.
	Guzman Fladio	R. L. Polk & Co.
1975	Walter Robt C Jr	General Telephone Company of California
	Walter Robt C Jr	General Telephone Company of California
1965	BAYER HOWARD C S	R. L. Polk & Co.
	BAYER HOWARD C S	R. L. Polk & Co.

3356 GEORGE ST

Year	Uses	Source
2002	ALVIDREZWee	Haines & Company, Inc.
	ALVIDREZWee	Haines & Company, Inc.

FINDINGS

3358 GEORGE ST

Year	Uses	Source
2014	MICHAEL REYES	Cole Information Services
	MICHAEL REYES	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2002	Ry DBERGDrana	Haines & Company, Inc.
	ROVES Mthael	Haines & Company, Inc.
	Ry DBERGDrana	Haines & Company, Inc.
	ROVES Mthael	Haines & Company, Inc.
1986	Nevarez Louie	Pacific Bell
	Nevarez Henry	Pacific Bell
	Nevarez Henry	Pacific Bell
	Nevarez Louie	Pacific Bell
1985	Nevarez Henry	Pacific Telephone Co
	Nevarez Henry	Pacific Telephone Co
1980	Nevarez Henry	Polk
	Nevarez Henry	Polk
1976	Nevarez Henry V	R. L. Polk & Co.
	Nevarez Henry V	R. L. Polk & Co.
1975	Nevarez Henry	General Telephone Company of California
	Nevarez Henry	General Telephone Company of California
1970	Nevarez Henry	General Telephone Company of California
	Nevarez Henry	General Telephone Company of California
1965	NEVAREZ HENRY V	R. L. Polk & Co.
	NEVAREZ HENRY V	R. L. Polk & Co.

3372 GEORGE ST

Year	Uses	Source
2017	ANGELA APARICIO	Cole Information Services
	ANGELA APARICIO	Cole Information Services
2014	ANGELA APARICIO	Cole Information Services
	ANGELA APARICIO	Cole Information Services
2009	ALBERT APARICIO	Cole Information Services
	ALBERT APARICIO	Cole Information Services
2002	APARIC 80 Ray	Haines & Company, Inc.
	APARIC 80 Ray	Haines & Company, Inc.
1999	ALBERT APARICIO	Cole Information Services

FINDINGS

Year	Uses	Source
1999	ALBERT APARICIO	Cole Information Services
1976	Aparicio Raymond R	R. L. Polk & Co.
	Aparicio Raymond R	R. L. Polk & Co.
1965	HINSON BOBBY L MRS	R. L. Polk & Co.
	HINSON BOBBY L MRS	R. L. Polk & Co.
1964	Hinson Bobby	Pacific Telephone Co
	Hinson Bobby	Pacific Telephone Co

3385 GEORGE ST

Year	Uses	Source
2002	NAVARROAntnoo	Haines & Company, Inc.
	NAVARROAntnoo	Haines & Company, Inc.

HELSAM AVE

1040 HELSAM AVE

Year	Uses	Source
2017	PEDRO GUTIERREZ	Cole Information Services
	PEDRO GUTIERREZ	Cole Information Services
2014	PEDRO GUTIERREZ	Cole Information Services
	PEDRO GUTIERREZ	Cole Information Services
2009	PEDRO GUTIERREZ	Cole Information Services
	PEDRO GUTIERREZ	Cole Information Services
2004	PEDRO GUTIERREZ	Cole Information Services
	PEDRO GUTIERREZ	Cole Information Services
2002	GUTIERREZPedro	Haines & Company, Inc.
	GUTIERREZPedro	Haines & Company, Inc.
1999	PEDRO GUTIERREZ	Cole Information Services
	PEDRO GUTIERREZ	Cole Information Services
1996	Gutlerrez Pedro	Pacific Bell
	Terrlquez Ocar	Pacific Bell
	Terrlquez Ocar	Pacific Bell
	Gutlerrez Pedro	Pacific Bell
1994	GUTIERREZ, PEDRO	Cole Information Services
	AGUILAR, LUIS	Cole Information Services
	GUTIERREZ, PEDRO	Cole Information Services
	AGUILAR, LUIS	Cole Information Services
1986	Wilcox Harold Roy	Pacific Bell
	Wilcox Harold Roy	Pacific Bell

FINDINGS

Year	Uses	Source
1980	Middleton Glenn	Polk
	Middleton Glenn	Polk
1976	Middleton Glenn A	R. L. Polk & Co.
	Middleton Glenn A	R. L. Polk & Co.
1975	Middleton Glenn	Pacific Telephone Co
	Middleton Glenn	General Telephone Company of California
	Middleton Glenn	General Telephone Company of California
	Middleton Glenn	Pacific Telephone Co
1965	BROWN LEE M	R. L. Polk & Co.
	BROWN LEE M	R. L. Polk & Co.
1961	Jewell Wm	R. L. Polk & Co.
	Jewell Wm	R. L. Polk & Co.

1041 HELSAM AVE

Year	Uses	Source
2017	ARACELY ALVARADO	Cole Information Services
	ARACELY ALVARADO	Cole Information Services
2014	OLGA FELIX	Cole Information Services
	OLGA FELIX	Cole Information Services
2009	MARIA CACULLOS	Cole Information Services
	MARIA CACULLOS	Cole Information Services
2004	MARIA CACULLOS	Cole Information Services
	MARIA CACULLOS	Cole Information Services
2002	CACULLOS Mana	Haines & Company, Inc.
	FELIX Olga	Haines & Company, Inc.
	CACULLOS Mana	Haines & Company, Inc.
	FELIX Olga	Haines & Company, Inc.
1996	Cacullos Maria	Pacific Bell
	Cacullos Maria	Pacific Bell
1994	CACULLOS, MARIA	Cole Information Services
	CACULLOS, MARIA	Cole Information Services
1993	Cacullos Maria	GTE
	Cacullos Maria	GTE
	Cacullos Maria	GTE
	Cacullos Maria	GTE
1986	Cacullos Maria	Pacific Bell
	Cacullos Maria	Pacific Bell
1985	Cacullos Maria	Pacific Telephone Co
	Cacullos Maria	Pacific Telephone Co

FINDINGS

Year	Uses	Source
1980	Cacullos Maria	Polk
	Cacullos Maria	Polk
1976	Perez Marcelino	R. L. Polk & Co.
	Perez Marcelino	R. L. Polk & Co.
1975	Cacullos Maria	General Telephone Company of California
	Cacuilos Maria	Pacific Telephone Co
	Cacuilos Maria	Pacific Telephone Co
	Cacullos Maria	General Telephone Company of California
1970	Dorety Roy W	General Telephone Company of California
	Dorety Roy W	General Telephone Company of California
1965	OKAMOTO JAMES	R. L. Polk & Co.
	OKAMOTO JAMES	R. L. Polk & Co.
1961	Morimoto Hiroshi hu	R. L. Polk & Co.
	Morimoto Hiroshi hu	R. L. Polk & Co.

1056 HELSAM AVE

Year	Uses	Source
2014	GEORGE ORTIZ	Cole Information Services
	GEORGE ORTIZ	Cole Information Services
2009	ANGELICA VILLA	Cole Information Services
	ANGELICA VILLA	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2002	VILLANUEVA	Haines & Company, Inc.
	MENOZAJulie	Haines & Company, Inc.
	VILLANUEVA	Haines & Company, Inc.
	MENOZAJulie	Haines & Company, Inc.
1999	ANGELICA VILLA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	ANGELICA VILLA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1986	Soltero Julio	Pacific Bell
	Soltero Julio	Pacific Bell
1985	Barren Teresa	Pacific Telephone Co
	Barren Teresa	Pacific Telephone Co
1980	Morales Antonio	Polk
	Morales Antonio	Polk
1976	Long Wm E	R. L. Polk & Co.
	Long Wm E	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1975	Long Wm E	Pacific Telephone Co
	Long Wm E	General Telephone Company of California
	Long Wm E	Pacific Telephone Co
	Long Wm E	General Telephone Company of California
1965	LONG WM E	R. L. Polk & Co.
	LONG WM E	R. L. Polk & Co.
1961	Long Wm DHU	R. L. Polk & Co.
	Long Wm DHU	R. L. Polk & Co.

1057 HELSAM AVE

Year	Uses	Source
2017	HUGO CISNEROS	Cole Information Services
	HUGO CISNEROS	Cole Information Services
2014	SALVADOR CISNEROS	Cole Information Services
	SALVADOR CISNEROS	Cole Information Services
2009	SALVADOR CISNEROS	Cole Information Services
	ARMANDO & SONS TRUCKING	Cole Information Services
	SALVADOR CISNEROS	Cole Information Services
	ARMANDO & SONS TRUCKING	Cole Information Services
2004	SALVADOR CISNEROS	Cole Information Services
	ARMONDO & SONS TRUCKING	Cole Information Services
	SALVADOR CISNEROS	Cole Information Services
	ARMONDO & SONS TRUCKING	Cole Information Services
2002	CISNEROSSalvador	Haines & Company, Inc.
	CISNEROSSalvador	Haines & Company, Inc.
1999	SALVADOR CISNEROS	Cole Information Services
	SALVADOR CISNEROS	Cole Information Services
1996	Cneros Salvador	Pacific Bell
	Cneros Salvador	Pacific Bell
1994	MONTOYA, JOSE	Cole Information Services
	CISNROS, S	Cole Information Services
	MONTOYA, JOSE	Cole Information Services
	CISNROS, S	Cole Information Services
1993	Cissell Jas	GTE
	Cisnros Salvador	GTE
	Cisowski R @Newbury Park	GTE
	Cisnros Salvador	GTE
	Cissell Jas	GTE
	Cisnros Salvador	GTE

FINDINGS

Year	Uses	Source
1993	Cisowski R @Newbury Park	GTE
	Cisnros Salvador	GTE
1986	Cisnros Salvador	Pacific Bell
	Cisowski R @Thousand Oaks	Pacific Bell
	Cissell Jas	Pacific Bell
	Cisnros Salvador	Pacific Bell
	Cisowski R @Thousand Oaks	Pacific Bell
	Cissell Jas	Pacific Bell
1980	Angeles Mariano	Polk
	Angeles Mariano	Polk
1976	Moore Donna L Mrs	R. L. Polk & Co.
	Moore Donna L Mrs	R. L. Polk & Co.
1965	SHULTZ DONALD E	R. L. Polk & Co.
	SHULTZ DONALD E	R. L. Polk & Co.
1961	Brunet Richd D hu	R. L. Polk & Co.
	Brunet Richd D hu	R. L. Polk & Co.

1071 HELSAM AVE

Year	Uses	Source
2017	DANIEL RIVERA	Cole Information Services
	DANIEL RIVERA	Cole Information Services
2014	DANIEL RIVERA	Cole Information Services
	DANIEL RIVERA	Cole Information Services
2009	VALENTIN RIVERA	Cole Information Services
	VALENTIN RIVERA	Cole Information Services
2004	VALENTIN RIVERA	Cole Information Services
	VALENTIN RIVERA	Cole Information Services
2002	ORIVERAValentm	Haines & Company, Inc.
	ORIVERAValentm	Haines & Company, Inc.
1999	VALENTIN RIVERA	Cole Information Services
	VALENTIN RIVERA	Cole Information Services
1994	GOMEZ, BLANCA	Cole Information Services
	GOMEZ, BLANCA	Cole Information Services
1993	Gomez C	GTE
	Gomez Blanca	GTE
	Gomez Blanca	GTE
	Gomez C	GTE
	Gomez C	GTE
	Gomez Blanca	GTE

FINDINGS

Year	Uses	Source
1993	Gomez Blanca	GTE
	Gomez C	GTE
1976	No Return	R. L. Polk & Co.
	No Return	R. L. Polk & Co.
1975	Abbott Paul E	General Telephone Company of California
	Abbott Paul E	Pacific Telephone Co
	Abbott Paul E	General Telephone Company of California
	Abbott Paul E	Pacific Telephone Co
1970	Turner Donna Faye	General Telephone Company of California
	Turner Donna Faye	General Telephone Company of California
1965	ZENKER ROBT D	R. L. Polk & Co.
	ZENKER ROBT D	R. L. Polk & Co.
1961	Zenker Robt AHU	R. L. Polk & Co.
	Zenker Robt AHU	R. L. Polk & Co.

1072 HELSAM AVE

Year	Uses	Source
2017	GABRIEL MARTINEZ	Cole Information Services
	GABRIEL MARTINEZ	Cole Information Services
2014	GABRIEL MARTINEZ	Cole Information Services
	GABRIEL MARTINEZ	Cole Information Services
2009	GABRIEL MARTINEZ	Cole Information Services
	GABRIEL MARTINEZ	Cole Information Services
2002	WRIGHTMargaret	Haines & Company, Inc.
	WRIGHTMargaret	Haines & Company, Inc.
1976	Wright Harold E	R. L. Polk & Co.
	Wright Harold E	R. L. Polk & Co.
1970	Wright Harold Eugene	General Telephone Company of California
	Wright Harold Eugene	General Telephone Company of California
1965	WRIGHT HAROLD E	R. L. Polk & Co.
	WRIGHT HAROLD E	R. L. Polk & Co.
1964	Wright Harold Eugene	Pacific Telephone Co
	Wright Harold Eugene	Pacific Telephone Co
1961	Wright H E HU	R. L. Polk & Co.
	Wright H E HU	R. L. Polk & Co.

1088 HELSAM AVE

Year	Uses	Source
2017	JOSE FLORES	Cole Information Services

FINDINGS

Year	Uses	Source
2017	JOSE FLORES	Cole Information Services
2014	JOSE FLORES	Cole Information Services
	JOSE FLORES	Cole Information Services
2009	JOSE FLORES	Cole Information Services
	JOSE FLORES	Cole Information Services
2004	JOSE FLORES	Cole Information Services
	JOSE FLORES	Cole Information Services
2002	PFLORES Jose	Haines & Company, Inc.
	PFLORES Jose	Haines & Company, Inc.
1999	JOSE FLORES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	JOSE FLORES	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1996	NIcholson Susan	Pacific Bell
	NIcholson Susan	Pacific Bell
1994	NICHOLSON, KEN	Cole Information Services
	NICHOLSON, KEN	Cole Information Services
1993	Nicholson Ken & Susan	GTE
	Nicholson Ken & Susan	GTE
	Nicholson Ken & Susan	GTE
	Nicholson Ken & Susan	GTE
1980	Ortiz Manuel	Polk
	Ortiz Manuel	Polk
1976	Mahan Dave	R. L. Polk & Co.
	Mahan Dave	R. L. Polk & Co.
1975	Harris Tina	General Telephone Company of California
	Harris Tina	Pacific Telephone Co
	Harris Tina	Pacific Telephone Co
	Harris Tina	General Telephone Company of California
1965	WALKER WM M	R. L. Polk & Co.
	WALKER WM M	R. L. Polk & Co.
1961	Smedley Albert E	R. L. Polk & Co.
	Smedley Albert E	R. L. Polk & Co.

1089 HELSAM AVE

Year	Uses	Source
2017	JUAN ALANIZ	Cole Information Services
	JUAN ALANIZ	Cole Information Services
2014	JUAN ALANIZ	Cole Information Services

FINDINGS

Year	Uses	Source
2014	JUAN ALANIZ	Cole Information Services
2009	JUAN ALANIZ	Cole Information Services
	JUAN ALANIZ	Cole Information Services
2002	HUEZOLc A	Haines & Company, Inc.
	ALANIZJuan	Haines & Company, Inc.
	ALANIZJuan	Haines & Company, Inc.
	HUEZOLc A	Haines & Company, Inc.
1999	JUAN ALANIZ	Cole Information Services
	JUAN ALANIZ	Cole Information Services
1996	Alanlz Juan	Pacific Bell
	Alanlz Juan	Pacific Bell
1994	ALANIZ, JUAN	Cole Information Services
	ALANIZ, JUAN	Cole Information Services
1993	Avina Henry & Sandy @Camarillo	GTE
	Alaniz R @Thousand Oaks	GTE
	Avilla Olga	GTE
	Avina Amador & Nancy	GTE
	Alaniz Noe	GTE
	Alaniz Juan	GTE
	Alaniz Juan	GTE
	Avilla Olga	GTE
	Alaniz Juan	GTE
	Avilla Olga	GTE
	Alaniz Juan	GTE
	Alaniz Noe	GTE
	Alaniz R @Thousand Oaks	GTE
	Avilla Olga	GTE
	Avina Amador & Nancy	GTE
	Avina Henry & Sandy @Camarillo	GTE
1986	Alaniz Juan	Pacific Bell
	Alaniz Juan	Pacific Bell
1985	Alaniz Juan	Pacific Telephone Co
	Alaniz Juan	Pacific Telephone Co
1976	Watts Jerald E	R. L. Polk & Co.
	Watts Jerald E	R. L. Polk & Co.
1975	Watts Jerald	General Telephone Company of California
	Watts Jerald	Pacific Telephone Co
	Watts Jerald	General Telephone Company of California

FINDINGS

Year	Uses	Source
1975	Watts Jerald	Pacific Telephone Co
1965	SMITH JERRY R	R. L. Polk & Co.
	SMITH JERRY R	R. L. Polk & Co.
1961	Thomas James E HU	R. L. Polk & Co.
	Thomas James E HU	R. L. Polk & Co.

1136 HELSAM AVE

Year	Uses	Source
2017	LUIS GAMEZ	Cole Information Services
	LUIS GAMEZ	Cole Information Services
2014	ALL SEASONS RESTORATION	Cole Information Services
	LUIS GAMEZ	Cole Information Services
	ALL SEASONS RESTORATION	Cole Information Services
	LUIS GAMEZ	Cole Information Services
2009	LUIS GAMEZ	Cole Information Services
	LUIS GAMEZ	Cole Information Services
2004	LUIS GAMEZ	Cole Information Services
	LUIS GAMEZ	Cole Information Services
2002	PELAYO Martha Olga	Haines & Company, Inc.
	OGAMEZLuis M	Haines & Company, Inc.
	PELAYO Martha Olga	Haines & Company, Inc.
	OGAMEZLuis M	Haines & Company, Inc.
1999	LUIS GAMEZ	Cole Information Services
	LUIS GAMEZ	Cole Information Services
1996	Pelsyo Marth Olga	Pacific Bell
	Pelsyo Marth Olga	Pacific Bell
1993	Gamez Luis M	GTE
	Gamez Luis M	GTE
	Gamez Luis M	GTE
	Gamez Luis M	GTE
1980	Beck Alfred	Polk
	Beck Alfred	Polk
1976	Beck Alf	R. L. Polk & Co.
	Beck Alf	R. L. Polk & Co.
1975	Beck Marilyn	Pacific Telephone Co
	Beck Marilyn	Pacific Telephone Co
1965	BECK ALF	R. L. Polk & Co.
	BECK ALF	R. L. Polk & Co.
1964	Beck Alfread	Pacific Telephone Co

FINDINGS

Year	Uses	Source
1964	Beck Alfread	Pacific Telephone Co
1961	Beck Alf 2 HU	R. L. Polk & Co.
	Beck Alf 2 HU	R. L. Polk & Co.

1176 HELSAM AVE

Year	Uses	Source
2014	JOHN DIMALANTA	Cole Information Services
	JOHN DIMALANTA	Cole Information Services
2009	MANUEL JIMENEZ	Cole Information Services
	MANUEL JIMENEZ	Cole Information Services
2004	MANUEL JIMENEZ	Cole Information Services
	MANUEL JIMENEZ	Cole Information Services
2002	OJIMENEZMartha	Haines & Company, Inc.
	OJIMENEZMartha	Haines & Company, Inc.
1999	MANUEL JIMENEZ	Cole Information Services
	MANUEL JIMENEZ	Cole Information Services
1986	Myers Cheryl	Pacific Bell
	Myers Cheryl	Pacific Bell
1985	Myers Cheryl	Pacific Telephone Co
	Myers Cheryl	Pacific Telephone Co
1980	Mc Daniel Hal & Cheryl	Polk
	Mc Daniel Hal & Cheryl	Polk
1976	Judd Bartie J Mrs	R. L. Polk & Co.
	Judd Bartie J Mrs	R. L. Polk & Co.
1975	Judd Marlin	General Telephone Company of California
	Judd Marlin	General Telephone Company of California
1965	COLLIER JAMES W REV	R. L. Polk & Co.
	COLLIER JAMES W REV	R. L. Polk & Co.
1961	Albritton Jack B hu	R. L. Polk & Co.
	Albritton Jack B hu	R. L. Polk & Co.

KER WM 1088 HELSAM AVE

1 KER WM 1088 HELSAM AVE

Year	Uses	Source
1964	Wa	Pacific Telephone Co
	Wa	Pacific Telephone Co

FINDINGS

N ROSE AVE

3100 N ROSE AVE

Year	Uses	Source
2002	DLVLLESC	Haines & Company, Inc.
	RIOSCHOOLDIST RI	Haines & Company, Inc.
	DLVLLESC	Haines & Company, Inc.
	RIOSCHOOLDIST RI	Haines & Company, Inc.
1993	Rio dei Valle School	GTE
	Rio dei Valle School	GTE
	Boys Club Of Oxnard	GTE
	Rio dei Valle School	GTE
	Boys Club Of Oxnard	GTE
	Rio dei Valle School	GTE
1986	Rio del Valle School	Pacific Bell
	Rio del Valle School	Pacific Bell
1985	Rio del Valle School	Pacific Telephone Co
	Rio del Valle School	Pacific Telephone Co
1975	Rio del Valle Elementary School	General Telephone Company of California
	Brusco Construction	General Telephone Company of California
	Brusco Construction	Pacific Telephone Co
	Rio del Valle Elementary School	General Telephone Company of California
	Brusco Construction	General Telephone Company of California
	Brusco Construction	Pacific Telephone Co

3200 N ROSE AVE

Year	Uses	Source
1975	Ayala Rodolfo	Pacific Telephone Co
	Ayala Rodolfo	Pacific Telephone Co

3420 N ROSE AVE

Year	Uses	Source
2002	XXXX	Haines & Company, Inc.
	XXXX	Haines & Company, Inc.
1985	Macias Dan I C	Pacific Telephone Co
	Macias Dan I C	Pacific Telephone Co
1980	Gutierrez S Jesus	Polk
	Gutierrez S Jesus	Polk
1975	Gutierrez S Jesus	General Telephone Company of California
	Gutierrez S Jesus	Pacific Telephone Co

Year	Uses	Source
1975	Gutierrez S Jesus	General Telephone Company of California
	Gutierrez S Jesus	Pacific Telephone Co

SALEM AVE

1090 SALEM AVE

Year	Uses	Source
2017	FELIPE HERNANDEZ	Cole Information Services
	FELIPE HERNANDEZ	Cole Information Services
2014	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	BALTAZAR THOMAS	Cole Information Services
	BALTAZAR THOMAS	Cole Information Services
2004	ROBERT HAWK	Cole Information Services
	ROBERT HAWK	Cole Information Services
1999	BALTAZAR THOMAS	Cole Information Services
	BALTAZAR THOMAS	Cole Information Services
1994	VASQUEZ, ANTONIA R	Cole Information Services
	VASQUEZ, ANTONIA R	Cole Information Services
1993	Magana Alifonso	GTE
	Magana Alifonso	GTE
	Magana Alvaro & Suzanne	GTE
	Magana Alvaro & Suzanne	GTE
	Magana Alifonso	GTE
	Magana Alifonso	GTE
1980	Reed Wayne	Polk
	Reed Wayne	Polk
1976	Vacant	R. L. Polk & Co.
	Vacant	R. L. Polk & Co.
1975	Gloyd Glenn P	General Telephone Company of California
	Gloyd Glenn P	Pacific Telephone Co
	Gloyd Glenn P	Pacific Telephone Co
	Gloyd Glenn P	General Telephone Company of California
1970	Gloyd Glenn P	General Telephone Company of California
	Gloyd Glenn P	General Telephone Company of California
1965	GLOYD GLENN P	R. L. Polk & Co.
	GLOYD GLENN P	R. L. Polk & Co.
1964	Gloyd Glenn P	Pacific Telephone Co
	Gloyd Glenn P	Pacific Telephone Co

Year	Uses	Source
1961	Gloyd Glenn P 4 HU	R. L. Polk & Co.
	Gloyd Glenn P 4 HU	R. L. Polk & Co.

WALNUT CANYON RD

1230 WALNUT CANYON RD

Year	Uses	Source
1970	Cano Ricardo Poindexter @Moorpark	General Telephone Company of California
	Cane Benjamin	General Telephone Company of California
	Cano Ricardo Poindexter @Moorpark	General Telephone Company of California
	Cane Benjamin	General Telephone Company of California

WALNUT DR

1102 WALNUT DR

Year	Uses	Source
2002	DAmbrogn John	Haines & Company, Inc.
	DAmbrogn John	Haines & Company, Inc.
1993	D AMBROGIO JOHN A CON TRACTOR	GTE
	D AMBROGIO JOHN A CON TRACTOR	GTE
	DAmbrosio Michael & Tina	GTE
	D AMBROGIO JOHN A CON TRACTOR	GTE
	DAmbrosio Michael & Tina	GTE
	D AMBROGIO JOHN A CON TRACTOR	GTE
1986	DAmbrogio Desiree	Pacific Bell
	DAmbrogio Desiree	Pacific Bell
1985	D AMBROGIO JOHN A CONTRACTOR	Pacific Telephone Co
	DAmbrogio Desiree	Pacific Telephone Co
	D AMBROGIO JOHN A CONTRACTOR	Pacific Telephone Co
	DAmbrogio Desiree	Pacific Telephone Co
1980	DAMBROGIO JOHN A CONTRACTOR	Polk
	DAmbrogio Desiree	Polk
	DAMBROGIO JOHN A CONTRACTOR	Polk
	DAmbrogio Desiree	Polk
1976	DAmbrogia John A	R. L. Polk & Co.
	DAmbrogia John A	R. L. Polk & Co.
1975	D AMBROG	Pacific Telephone Co
	D AMBROG	Pacific Telephone Co

FINDINGS

1105 WALNUT DR

Year	Uses	Source
1996	Garcia Jose	Pacific Bell
	Garcia Jose	Pacific Bell
1993	Baker Richard F	GTE
	Baker Richard F	GTE
	Baker Richard F	GTE
	Baker Richard F	GTE
1986	Baker Richard F	Pacific Bell
	Baker Richard F	Pacific Bell
1985	Baker Richard F	Pacific Telephone Co
	Baker Richard F	Pacific Telephone Co
1980	Baker Richard F	Polk
	Baker Richard F	Polk
1976	Baker Richd F	R. L. Polk & Co.
	Baker Richd F	R. L. Polk & Co.
1975	Baker Richard F	Pacific Telephone Co
	Baker Richard F	Pacific Telephone Co
1965	EARLE JOHN	R. L. Polk & Co.
	EARLE JOHN	R. L. Polk & Co.
1964	Rodgers Bea	Pacific Telephone Co
	Rodgers Bea	Pacific Telephone Co
1961	Rodgers Jas L hu	R. L. Polk & Co.
	Rodgers Jas L hu	R. L. Polk & Co.

1123 WALNUT DR

Year	Uses	Source
2017	GLORIA DELACRUZ	Cole Information Services
	GLORIA DELACRUZ	Cole Information Services
2014	GLORIA DELACRUZ	Cole Information Services
	GLORIA DELACRUZ	Cole Information Services
2009	RAYMOND ARENAS	Cole Information Services
	RAYMOND ARENAS	Cole Information Services
2004	RAYMOND ARENAS	Cole Information Services
	RAYMOND ARENAS	Cole Information Services
2002	ARENAS Rob	Haines & Company, Inc.
	ARENAS Raymond	Haines & Company, Inc.
	ARENAS Rob	Haines & Company, Inc.
	ARENAS Raymond	Haines & Company, Inc.
1999	RAYMOND ARENAS	Cole Information Services

FINDINGS

Year	Uses	Source
1999	RAYMOND ARENAS	Cole Information Services
1996	Archuleta Tarue	Pacific Bell
	Aranaa Robert	Pacific Bell
	Archuleta Tarue	Pacific Bell
	Aranaa Robert	Pacific Bell
1994	ARENAS, ROBERT	Cole Information Services
	DELACRUZ, GLORIA	Cole Information Services
	DELA, CRUZ	Cole Information Services
	ARENAS, ROBERT	Cole Information Services
	DELACRUZ, GLORIA	Cole Information Services
	DELA, CRUZ	Cole Information Services
1993	De La Cruz Gloria	GTE
	De La Cruz Gloria	GTE
	De La Cruz Gloria	GTE
	De La Cruz Gloria	GTE

1125 WALNUT DR

Year	Uses	Source
2017	ROBERT ARENAS	Cole Information Services
	ROBERT ARENAS	Cole Information Services
2014	JAMES MARTINEZ	Cole Information Services
	JAMES MARTINEZ	Cole Information Services

1139 WALNUT DR

Year	Uses	Source
2017	RIGOBERTO CHAVOLLA	Cole Information Services
	RIGOBERTO CHAVOLLA	Cole Information Services
2014	JUAN GUERRERO	Cole Information Services
	JUAN GUERRERO	Cole Information Services
2009	RIGOBERTO CHAVOLLA	Cole Information Services
	RIGOBERTO CHAVOLLA	Cole Information Services
2004	RIGOBERTO CHAVOLLA	Cole Information Services
	RIGOBERTO CHAVOLLA	Cole Information Services
2002	SMEDLEY Alber	Haines & Company, Inc.
	CHAVOLLAR	Haines & Company, Inc.
	CHAVOLLAR	Haines & Company, Inc.
	SMEDLEY Alber	Haines & Company, Inc.
1999	RIGOBERTO CHAVOLLA	Cole Information Services
	RIGOBERTO CHAVOLLA	Cole Information Services

FINDINGS

Year	Uses	Source
1996	Smedley Albert	Pacific Bell
	Chavoa Rigoberto	Pacific Bell
	Smedley Albert	Pacific Bell
	Chavoa Rigoberto	Pacific Bell
1993	Olvera Gavia Efren	GTE
	Olvera Gavia Efren	GTE
	Olvera Gavia Efren	GTE
	Olvera Gavia Efren	GTE
1986	Jimenez Maria D	Pacific Bell
	Jimenez Maria D	Pacific Bell
1980	Chavolla Guillermina	Polk
	Chavolla Guillermina	Polk
1976	Dillon Roger J	R. L. Polk & Co.
	Dillon Roger J	R. L. Polk & Co.
1970	Sanders Thurman	General Telephone Company of California
	Sanders Thurman	General Telephone Company of California
1965	TUCKER LEON E	R. L. Polk & Co.
	TUCKER LEON E	R. L. Polk & Co.
1961	Tucker Leon E AHU	R. L. Polk & Co.
	Tucker Leon E AHU	R. L. Polk & Co.

1167 WALNUT DR

Year	Uses	Source
2017	ALISA GARCIA	Cole Information Services
	ALISA GARCIA	Cole Information Services
2014	JEANETTE DAWSON	Cole Information Services
	JEANETTE DAWSON	Cole Information Services
2009	ALISA GARCIA	Cole Information Services
	ALISA GARCIA	Cole Information Services
2004	SUSANA RAMIREZ	Cole Information Services
	SUSANA RAMIREZ	Cole Information Services
2002	VE ASOUEZ Edward	Haines & Company, Inc.
	BAAJAS Rodrigo	Haines & Company, Inc.
	BAAJAS Rodrigo	Haines & Company, Inc.
	VE ASOUEZ Edward	Haines & Company, Inc.
1999	ALISA GARCIA	Cole Information Services
	ALISA GARCIA	Cole Information Services
1986	Blasi Lou & Chirs	Pacific Bell
	Blasi Lou & Chirs	Pacific Bell

FINDINGS

Year	Uses	Source
1985	Weaver E	Pacific Telephone Co
	Weaver E	Pacific Telephone Co
1980	Weaver Cecil	Polk
	Weaver Cecil	Polk
1976	Minegar Harlow	R. L. Polk & Co.
	Minegar Harlow	R. L. Polk & Co.
1975	Minegar Harlow	General Telephone Company of California
	Minegar Harlow	Pacific Telephone Co
	Minegar Harlow	General Telephone Company of California
	Minegar Harlow	Pacific Telephone Co
1970	Carter E M	General Telephone Company of California
	Carter E M	General Telephone Company of California
1965	CARTER RAYMOND H	R. L. Polk & Co.
	CARTER RAYMOND H	R. L. Polk & Co.
1964	Carter R H	Pacific Telephone Co
	Carter R H	Pacific Telephone Co
1961	Carter Raymond H AHUT	R. L. Polk & Co.
	Carter Raymond H AHUT	R. L. Polk & Co.

1187 WALNUT DR

Year	Uses	Source
2017	TADASHI BEPPU	Cole Information Services
	TADASHI BEPPU	Cole Information Services
2014	TADASHI BEPPU	Cole Information Services
	TADASHI BEPPU	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	TADASHI BEPPU	Cole Information Services
	TADASHI BEPPU	Cole Information Services
2002	BEPPUJohn	Haines & Company, Inc.
	B 0 PPU Tadashr	Haines & Company, Inc.
	BEPPUJohn	Haines & Company, Inc.
	B 0 PPU Tadashr	Haines & Company, Inc.
1996	Beppu Tdashi	Pacific Bell
	Beppu Tdashi	Pacific Bell
1994	BEPPU, TADASHI	Cole Information Services
	BEPPU, TADASHI	Cole Information Services
1993	Beppu Tadashi	GTE
	Beppu Tadashi	GTE

FINDINGS

Year	Uses	Source
1993	Beppu Tadashi	GTE
	Beppu Tadashi	GTE
1986	Beppu Tadashl	Pacific Bell
	Beppu Tadashl	Pacific Bell
1985	Beppu Tadashi	Pacific Telephone Co
	Beppu Tadashi	Pacific Telephone Co
1980	Warner Robt W	Polk
	Warner Robt W	Polk
1976	Warner Robt W	R. L. Polk & Co.
	Warner Robt W	R. L. Polk & Co.
1975	Warner Robt W	General Telephone Company of California
	Warner Robt W	General Telephone Company of California
1965	STROUD JACK	R. L. Polk & Co.
	STROUD JACK	R. L. Polk & Co.
1964	Graff Norman K	Pacific Telephone Co
	Graff Norman K	Pacific Telephone Co
1961	Graff Norman hu	R. L. Polk & Co.
	Graff Norman hu	R. L. Polk & Co.

1188 WALNUT DR

Year	Uses	Source
2017	NICKIE ESTRADA	Cole Information Services
	NICKIE ESTRADA	Cole Information Services
2014	NICKIE ESTRADA	Cole Information Services
	NICKIE ESTRADA	Cole Information Services
2004	NICKIE ESTRADA	Cole Information Services
	NICKIE ESTRADA	Cole Information Services
2002	XXXX	Haines & Company, Inc.
	XXXX	Haines & Company, Inc.
1994	RAMIREZ, G	Cole Information Services
	RAMIREZ, G	Cole Information Services
1993	Lemus Rosa	GTE
	Lemus Steve & Judy	GTE
	Ramirez Ruben	GTE
	Lemus Rosa	GTE
	Ramirez Ruben	GTE
	Lemus Steve & Judy	GTE
	Ramirez Ruben	GTE
	Lemus Rosa	GTE

FINDINGS

Year	Uses	Source
1993	Ramirez Ruben	GTE
	Lemus Rosa	GTE
1986	Medina Antonio	Pacific Bell
	Medina Antonio	Pacific Bell
1985	Diaz Maria & Juan	Pacific Telephone Co
	Medina Antonio	Pacific Telephone Co
	Diaz Maria & Juan	Pacific Telephone Co
	Medina Antonio	Pacific Telephone Co
1980	Mendez Jacob	Polk
	Mendez Jacob	Polk
1976	Estrada Richd V	R. L. Polk & Co.
	Estrada Richd V	R. L. Polk & Co.
1965	ESTRADA RICHO V	R. L. Polk & Co.
	ESTRADA RICHO V	R. L. Polk & Co.
1964	Estrada Richard	Pacific Telephone Co
	Estrada Richard	Pacific Telephone Co
1961	Borghi Louis S hu	R. L. Polk & Co.
	Borghi Louis S hu	R. L. Polk & Co.

1213 WALNUT DR

Year	Uses	Source
2017	BRIAN FABER	Cole Information Services
	BRIAN FABER	Cole Information Services
2014	MILTON ZEITZMANN	Cole Information Services
	MILTON ZEITZMANN	Cole Information Services
2009	VALARIE FABER	Cole Information Services
	VALARIE FABER	Cole Information Services
2004	MILTON ZEITZMANN	Cole Information Services
	MILTON ZEITZMANN	Cole Information Services
2002	XXXX	Haines & Company, Inc.
	XXXX	Haines & Company, Inc.
1999	VALARIE FABER	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	VALARIE FABER	Cole Information Services
1986	Faber Bernie	Pacific Bell
	Faber Bernie	Pacific Bell
1985	Faber Bernie	Pacific Telephone Co
	Faber Bernie	Pacific Telephone Co

FINDINGS

Year	Uses	Source
1980	Stephens D R	Polk
	Stephens D R	Polk
1976	Stephens Lillian E Mrs	R. L. Polk & Co.
	Stephens Lillian E Mrs	R. L. Polk & Co.
1975	Stephens D R	Pacific Telephone Co
	Stephens D R	General Telephone Company of California
	Stephens D R	Pacific Telephone Co
	Stephens D R	General Telephone Company of California
1970	Burger Fred M	General Telephone Company of California
	Burger Fred M	General Telephone Company of California
1965	BURGER LILLIAN E MRS	R. L. Polk & Co.
	BURGER LILLIAN E MRS	R. L. Polk & Co.
1964	Burger Fred M	Pacific Telephone Co
	Burger Fred M	Pacific Telephone Co
1961	Burger Fred M AHU	R. L. Polk & Co.
	Burger Fred M AHU	R. L. Polk & Co.

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Year	Uses	Source
2014	COREY RENSTROM	Cole Information Services
	COREY RENSTROM	Cole Information Services
2009	JAMES TULL	Cole Information Services
	JAMES TULL	Cole Information Services
2004	JAMES TULL	Cole Information Services
	JAMES TULL	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	JAMES TULL	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	JAMES TULL	Cole Information Services
1994	TULL, JAMES D	Cole Information Services
	TULL, JAMES D	Cole Information Services
1980	Tull Jas D	Polk
	Tull Jas D	Polk
1976	Tull James D	R. L. Polk & Co.
	Tull James D	R. L. Polk & Co.
1975	Tut I Jas D	Pacific Telephone Co
	Tull Jas D	General Telephone Company of California
	Tut I Jas D	Pacific Telephone Co
	Tull Jas D	General Telephone Company of California

FINDINGS

Year	Uses	Source
1965	LITTEN ROBT	R. L. Polk & Co.
	LITTEN ROBT	R. L. Polk & Co.

1237 WALNUT DR

Year	Uses	Source
2017	CARLOS ZUNIGA	Cole Information Services
	CARLOS ZUNIGA	Cole Information Services
2014	MICHAEL MANZANAREZ	Cole Information Services
	MICHAEL MANZANAREZ	Cole Information Services
2009	CARLOS ZUNIGA	Cole Information Services
	CARLOS ZUNIGA	Cole Information Services
2004	GUILLERMO MENDEZ	Cole Information Services
	CARLOS ZUNIGA	Cole Information Services
	CARLOS ZUNIGA	Cole Information Services
	GUILLERMO MENDEZ	Cole Information Services
2002	VALENZUELAF	Haines & Company, Inc.
	VALENZUELAF	Haines & Company, Inc.
1999	CARLOS ZUNIGA	Cole Information Services
	CARLOS ZUNIGA	Cole Information Services
1996	Muhr Marie D	Pacific Bell
	Muhr Marie D	Pacific Bell
1994	MUHR, D	Cole Information Services
	MUHR, D	Cole Information Services
1993	Muhr D	GTE
	Muhr D	GTE
	Muhrlein M	GTE
	Muhr D	GTE
	Muhrlein M	GTE
	Muhr D	GTE
1986	Muhr Olen	Pacific Bell
	Muhr Olen	Pacific Bell
1985	Muhr Olen	Pacific Telephone Co
	Muhr Olen	Pacific Telephone Co
1980	Muhr Olen	Polk
	Muhr Olen	Polk
1976	Muhr Olin R	R. L. Polk & Co.
	Muhr Olin R	R. L. Polk & Co.
1975	Muhr Olen	Pacific Telephone Co
	Muhr Olen	General Telephone Company of California

Year	Uses	Source
1975	Muhr Olen	General Telephone Company of California
	Muhr Olen	Pacific Telephone Co
1970	Pickering Wm A	General Telephone Company of California
	Pickering Wm A	General Telephone Company of California
1965	PICKERING WM A	R. L. Polk & Co.
	PICKERING WM A	R. L. Polk & Co.
1964	Pickering Wm A	Pacific Telephone Co
	Pickering Wm A	Pacific Telephone Co
1961	Pickering Wm A 411 U	R. L. Polk & Co.
	Pickering Wm A 411 U	R. L. Polk & Co.

1238 WALNUT DR

Year	Uses	Source
2017	FELIPE VILLEGAS	Cole Information Services
	FELIPE VILLEGAS	Cole Information Services
2014	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	LAWRECE GORDON	Cole Information Services
	LAWRECE GORDON	Cole Information Services
1976	Gordon Lawrence W	R. L. Polk & Co.
	Gordon Lawrence W	R. L. Polk & Co.
1975	Gordon L W	General Telephone Company of California
	Gordon LW	Pacific Telephone Co
	Gordon L W	General Telephone Company of California
	Gordon LW	Pacific Telephone Co
1970	Gordon Lawrence W	General Telephone Company of California
	Gordon Lawrence W	General Telephone Company of California
1965	GORDON LAWRENCE W	R. L. Polk & Co.
	GORDON LAWRENCE W	R. L. Polk & Co.
1964	Gordon Lawrence W	Pacific Telephone Co
	Gordon Lawrence W	Pacific Telephone Co
1961	Gordon Lawrence W hu	R. L. Polk & Co.
	Gordon Lawrence W hu	R. L. Polk & Co.

1258 WALNUT DR

Year	Uses	Source
2017	DENISE GUTIERREZ	Cole Information Services

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Year	Uses	Source
2017	DENISE GUTIERREZ	Cole Information Services
2014	MIGUEL GONZALEZ	Cole Information Services
	MIGUEL GONZALEZ	Cole Information Services
2009	SHANE WAGGONER	Cole Information Services
	SHANE WAGGONER	Cole Information Services
2004	RON DOCKERY	Cole Information Services
	RON DOCKERY	Cole Information Services
2002	XXXX	Haines & Company, Inc.
	XXXX	Haines & Company, Inc.
1999	SHANE WAGGONER	Cole Information Services
	SHANE WAGGONER	Cole Information Services
1976	Knight La Rue	R. L. Polk & Co.
	Knight La Rue	R. L. Polk & Co.
1965	KEENAN FRANK J BLDG CONTR	R. L. Polk & Co.
	KEENAN FRANK J BLDG CONTR	R. L. Polk & Co.
1961	Keenan Frank 4 HU	R. L. Polk & Co.
	Keenan Frank 4 HU	R. L. Polk & Co.

WALNUT ST

1123 WALNUT ST

Year	Uses	Source
1996	Parsons Steven C	Pacific Bell
	Parsons Steven C	Pacific Bell

1131 WALNUT ST

Year	Uses	Source
1996	Delgado Ricardo	Pacific Bell
	Delgado Ricardo	Pacific Bell

1149 WALNUT ST

Year	Uses	Source
1996	Lopez John B	Pacific Bell
	Lopez John B	Pacific Bell

1199 WALNUT ST

Year	Uses	Source
1996	Flynn Robert & Debbie	Pacific Bell
	Flynn Robert & Debbie	Pacific Bell

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1215 WALNUT ST

Year	*Uses*	*Source*
1996	Garcia Albert	Pacific Bell
	Garcia Albert	Pacific Bell

1225 WALNUT ST

Year	*Uses*	*Source*
1996	Almaguer Jennifer	Pacific Bell
	Almaguer Jennifer	Pacific Bell

1249 WALNUT ST

Year	*Uses*	*Source*
1996	Ortiz Susan	Pacific Bell
	Ortiz Susan	Pacific Bell

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1 KER WM 1088 HELSAM AVE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1 KER WM 1088 HELSAM AVE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1012 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1980, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1012 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1980, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1012 CORSICANA DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1012 CORSICANA DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1015 CORSICANA DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1015 CORSICANA DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1015 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1015 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1024 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1024 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1024 CORSICANA DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1024 CORSICANA DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1039 CORSICANA DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1039 CORSICANA DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1039 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1039 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1040 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1985, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1040 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1985, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1040 HELSAM AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

FINDINGS

Address Researched	Address Not Identified in Research Source
1040 HELSAM AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1041 HELSAM AVE	2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1041 HELSAM AVE	2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1041 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1041 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1054 CORSICANA DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1980, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1054 CORSICANA DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1980, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1054 CORSICANA DR	2009, 2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1054 CORSICANA DR	2009, 2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1056 HELSAM AVE	2017, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1056 HELSAM AVE	2017, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1056 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1056 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1057 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1985, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1057 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1985, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1057 HELSAM AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1057 HELSAM AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1071 HELSAM AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1071 HELSAM AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1071 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1971, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1071 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1971, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1072 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1072 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1072 HELSAM AVE	2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

FINDINGS

Address Researched	Address Not Identified in Research Source
1072 HELSAM AVE	2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1073 CORSICANA DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1073 CORSICANA DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1073 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1985, 1980, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1073 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1985, 1980, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1075 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1075 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1075 CORSICANA DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1075 CORSICANA DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1076 CORSICANA DR	2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1076 CORSICANA DR	2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1076 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1986, 1980, 1971, 1968, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1076 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1986, 1980, 1971, 1968, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1088 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1986, 1985, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1088 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1986, 1985, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1088 HELSAM AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1088 HELSAM AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1089 HELSAM AVE	2004, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1089 HELSAM AVE	2004, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1089 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1980, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1089 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1980, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1090 SALEM AVE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1986, 1985, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1090 SALEM AVE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1986, 1985, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1090 SALEM AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

FINDINGS

Address Researched	Address Not Identified in Research Source
1090 SALEM AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1102 CORSICANA DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1102 CORSICANA DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1102 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1102 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1102 E CORSICANA DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1102 E CORSICANA DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1102 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1102 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1105 WALNUT DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1971, 1970, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1105 WALNUT DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1971, 1970, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1111 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1111 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1111 CORSICANA DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1111 CORSICANA DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1123 WALNUT DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1123 WALNUT DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1123 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1123 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1123 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1123 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1124 CORSICANA DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1124 CORSICANA DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1124 CORSICANA DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

FINDINGS

Address Researched	Address Not Identified in Research Source
1124 CORSICANA DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1124 E CORSICANA DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1124 E CORSICANA DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1125 WALNUT DR	2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1125 WALNUT DR	2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1131 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1131 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1136 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1986, 1985, 1971, 1970, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1136 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1986, 1985, 1971, 1970, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1136 HELSAM AVE	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1136 HELSAM AVE	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1139 WALNUT DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1139 WALNUT DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1139 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1985, 1975, 1971, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1139 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1985, 1975, 1971, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1149 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1149 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1164 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1164 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1164 CORSICANA DR	2017, 2004, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1164 CORSICANA DR	2017, 2004, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1167 WALNUT DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1167 WALNUT DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1167 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926

FINDINGS

Address Researched	Address Not Identified in Research Source
1167 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1176 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1980, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1176 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1980, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1176 CORSICANA DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1176 CORSICANA DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1176 HELSAM AVE	2017, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1176 HELSAM AVE	2017, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1176 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1176 HELSAM AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1187 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1970, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1187 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1970, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1187 WALNUT DR	2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1187 WALNUT DR	2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1188 WALNUT DR	2009, 2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1188 WALNUT DR	2009, 2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1188 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1975, 1971, 1970, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1188 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1975, 1971, 1970, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1199 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1199 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1202 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1202 CORSICANA DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1202 CORSICANA DR	2017, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1202 CORSICANA DR	2017, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1213 WALNUT DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

FINDINGS

Address Researched	Address Not Identified in Research Source
1213 WALNUT DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1213 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1213 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1215 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1215 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1225 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1225 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1226 WALNUT DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1226 WALNUT DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1226 WALNUT DR	2017, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1226 WALNUT DR	2017, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1230 WALNUT CANYON RD	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1230 WALNUT CANYON RD	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1237 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1237 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1237 WALNUT DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1237 WALNUT DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1238 WALNUT DR	2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1238 WALNUT DR	2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1238 WALNUT DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1238 WALNUT DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1249 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1249 WALNUT ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1258 E WALNUT DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926

FINDINGS

Address Researched	Address Not Identified in Research Source
1258 E WALNUT DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1258 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1258 WALNUT DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1258 WALNUT DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1258 WALNUT DR	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3100 N ROSE AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3100 N ROSE AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3200 N ROSE AVE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3200 N ROSE AVE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3306 GEORGE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
3306 GEORGE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
3306 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3306 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3306 GEORGE ST	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3306 GEORGE ST	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3320 GEORGE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
3320 GEORGE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
3320 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1971, 1968, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3320 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1971, 1968, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3320 GEORGE ST	2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3320 GEORGE ST	2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3334 GEORGE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
3334 GEORGE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
3334 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

FINDINGS

Address Researched	Address Not Identified in Research Source
3334 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1993, 1986, 1985, 1980, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3334 GEORGE ST	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3334 GEORGE ST	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3356 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3356 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3358 GEORGE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
3358 GEORGE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
3358 GEORGE ST	2017, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3358 GEORGE ST	2017, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3358 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3358 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1971, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3372 GEORGE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
3372 GEORGE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
3372 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1970, 1968, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3372 GEORGE ST	2004, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3372 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1970, 1968, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3372 GEORGE ST	2004, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3385 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3385 GEORGE ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3420 N ROSE AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3420 N ROSE AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
3410 North Rose Avenue	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

F CHECKLIST FOR PHASE I SITE VISIT

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PHASE I ENVIRONMENTAL SITE ASSESSMENT CHECKLIST

Project Name: Proposed Rio School District Offices Phase I Environmental Assessment,

Address: 10-Acre Portion of Assessor's Parcel No. 144-0-110-225 located at or near 3410 North Rose Avenue, Ventura County, California

General Site Description: Berry Farm

I. Pre-arrival Background Information

1. **Current Owner(s):** Luis- Calderon, Reiter Affiliated Companies
   Owner Since:
2. **Current Occupants:**
   Occupant Since:
3. **Year Buildings Constructed :** no buildings
4. **Site Zoning:** Agricultural Exclusive, 40 acre minimum,/Mineral Resource Protection (AE -40 ac/MRP)
5. **Land Use(s):** Commercial Quarry

II. Site Observations:

A. Lot/Property Observations:

1. **Current Groundcover (%):** **Estimated from aerial photograph review.**
   100% Berries organic raspberries, other side is conventional, but site is all organic
   Any concrete staining, soil staining or stressed vegetation? none

2. **Is there any evidence of pesticide/herbicide use, storage or disposal on the property?** none
   If yes, describe:
   Have any pesticides/herbicides been used on the property at any time?*
   - smudgepots- REC b/c of orchids REC to submit to DTSC
   - arsenic possibility b/c of pesticides
3. **Are there any electrical transformers or capacitors on the property?** 3
   If yes, location:
   Evidence of leaks? no
   Have they been tested for PCBs*? unknown, not related to this property
   Transformers owned by utility company, owner, or tenant?* SCE

* Indicates question that requires follow-up during site owner/occupant interview.

4a. Are there any visible aboveground or underground storage tanks on the property? no

If yes, location: 5,000 organic fertilizer moved in and out

Currently in use?

Contents:

Size (gallons):

Evidence of leaks?

When was the tank installed?*

Is there a permit for the tank? If so, who is the listed owner?*

Have any leak tests been performed?*

If not in use, has the tank been "abandoned"? Documentation?*

4b. Is there any evidence that an AST or UST has been removed from the site? no

If yes, describe:

When was the tank removed?*

Documentation?*

5. Are there any visible storage drums on the property? If yes, how many? none

If yes, location:

Describe size and contents (if known):

Evidence of spills/leaks?

Are they stored in a bermed area (any secondary containment)?

6. Any evidence of solid waste disposal on the property? none

If yes, location:

Describe:

Evidence of any hazardous materials?

7. Are there any ponds, pits, sumps, or ditches on the property? ditches

If yes, location: surround vegetation

Describe:

Evidence of any hazardous materials?

8. Describe the general air quality at the site: ~~none~~ good

Are there activities on the site which produce air emissions (painting, printing, venting, exhaust): none

If yes, describe:

Are the emissions monitored or permitted?*

Documentation?*

9. Are there any curb cuts, footings, or other signs of former buildings on the property? none

If yes, location:

When was the former building built/demolished?*

* Indicates question that requires follow-up during site owner/occupant interview.

- recommend a hazmans pipeline analysis
- USFA to do driveway (all driveways) planted last year
- irrigation by 1 inch well, 1 small, 1 four out 05*

B. Buildings

1. Are buildings present on site? No

If yes, when was it built

Approx. building square footage from aerial photos

Please provide any available plans for the buildings and site.

2. Are there any cracks or openings (drains or sumps) on the first floor?

If yes, location:

Are they connected to storm drains, sewer lines or discharged into the ground?

Is there any evidence of spills or stains on the ground?

Is there a possibility of hazardous waste spills or leaks?*

3. Are there painted surfaces on the exterior or interior of the building?

Evidence of lead based paint?

If yes, location:

When were the walls painted?*

Have they been tested for lead?*

4. Are there any electrical transformers or capacitors inside the building?

If yes, location:

Evidence of leaks?

Have they been tested for PCBs?*

Transformers owned by utility company, owner, or tenant?*

5. Is there any evidence of the presence of asbestos?

If yes, location:

Friable?

If no evidence of asbestos, but the building was built before 1979, has an asbestos survey been completed?*

6. Are there any chemicals or drums stored or used in the building?

If yes, location:

Evidence of leaks/spills?

If drums, secondary containment?

Have there been any documented leaks or spills of hazardous materials*?

If yes, describe and list documentation:

* Indicates question that requires follow-up during site owner/occupant interview.

air vents photo for irrigation line

III. Surrounding Properties

1. Describe generally the current use(s) of the adjacent properties (%):

Residential: 10%	**Agricultural:** 50%	**Industrial:**
Office:	**Commercial:** 40% (school)	**Manufacturing:**
Other (specify)		

Describe any adjacent propertied used for industrial, manufacturing, or refining purposes:

50% of the adjacent area is surrounding raspberry farm
10%, just west of the site, is Rose Ave. + residential homes
40% surrounding just south of the site, is Rio del Valle
junior HS. Also across from Rose Ave (west of the site)
is a water production facility

Do they pose a possible threat to groundwater or air quality at the site? no

If yes, explain: _____

Checklist completed by: Paige Sawaya

Date: July 22, 2020

Checked by: _____

Date: _____

Notes:

* Indicates question that requires follow-up during site owner/occupant interview.

G PROPERTY OWNNER/OCCUPANT QUESTIONNAIRE

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
OWNER/OCCUPANT QUESTIONNAIRE

Name of Site: :. Proposed Rio School District Offices	**Tetra Tech Project Number:** 100-SBA-T40696
Description of Project: Phase I Environmental Site Assessment	**Location of Project:** 10-Acre Portion of Assessor's Parcel No. 144-0-110-225 located at or near 3410 North Rose Avenue, Ventura County, California

This information is intended to assist the Environmental Professional conducting the Phase I Environmental Site Assessment in obtaining information indicating Recognized Environmental Conditions in connection with the property.

STRUCTURES AND OTHER IMPROVEMENTS
1. Are any structures present on the property? If so, please identify the type, size and age. *(for example: "one single-story wood-frame residence built in 1974" or "one 75,00 sq. ft. concrete warehouse built in 1993")*
No structures. Temporary hooped shades were erected over the raspberry bushes
2. Are any roads present on the property? Paved or unpaved?
No roads, just unfarmed breaks between crops for harvest trailers
3. Is there a heating or cooling system in place? What type of fuel is used? *(for example: "in-building HVAC system" or "central heat and AC" or "a propane tank is used for heating system")*
No
4. What is the source for potable water? Public water system or Private domestic well? **The Site Owner KMS Industries, Inc., provides water for crop irrigation at the Site from five groundwater production wells located within 0.25 mile of the Site. No wells are located on site. there is no potable water onsite.**
5. What type of sewage disposal system is in use? Public sewer or on-site septic tank system? **No public sewer or septic systems are present on the Site. Rented portable restrooms are present to serve the agricultural workers.**

6. Indicate the solid waste (trash) disposal provider, if any.
E.J. Harrison & Sons
7. Indicate the electrical utility provider, if any.
Southern California Edison
8. Indicate the natural gas provider, if any.
The Gas Company
9. Are any wells present at the property? *(such as water wells, groundwater monitoring wells, oil wells, dry wells, abandoned or destroyed wells)*
None
10. Are there any drains or ditches on the property for stormwater or wastewater disposal?
There are ditches to drain water from the fields.
PETROLEUM PRODUCTS AND HAZARDOUS MATERIALS
11. Has the property or any adjoining property ever been used for any of the following? *gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo-developing lab, junkyard or landfill, or as a waste treatment, storage, processing or recycling facility* Please identify the use, if any.
No
12. Are petroleum products, hazardous materials or other chemicals used or stored on-site? Identify. *(Typically, only large amounts of such items are of concern. Normal household chemicals are not generally kept in amounts that would pose a hazard. Items of concern would include damaged automotive batteries, pesticides, paints, fuels, lubricants, solvents, photoprocessing wastes and other chemicals)*
No

13. Are there or have there ever been any aboveground or underground storage tanks on the property?
(Please identify number, size, contents and location on the property, and provide recent inspections/test records)

No

OTHER ITEMS OF CONCERN

14. Are there any stained walls, flooring or soil on the property? Any evidence of water damage or mold growth?

N/A

15. Has fill dirt been brought onto the property that originated from an off-site source? If so, is the origin of the dirt known? Was the fill dirt tested for possible contamination?

No

16. Have any petroleum products, hazardous substances, tires, batteries or other waste materials been dumped, buried or burned on the property?

No

17. Are there any transformers, capacitors or hydraulic equipment on the site for which records exist indicating the presence of polychlorinated biphenyls (PCBs)?
(PCB use was generally phased out in the mid 1970s)

Yes, one electrical power pole with three pole-mounted transformers is currently located at the boundary of southern corner of the Site along North Rose Avenue

18. Are you aware of any other conditions at the site which might pose a concern, such as the presence of lead-based paint or asbestos-containing building materials?

No

19. Are you aware of any pending, threatened or past litigation or administrative proceedings regarding hazardous substances or petroleum products related to the property?

No

In addition to the responses above, please provide copies of any of the following Helpful Documents, if available:

••Environmental Site Assessment Reports (**including** previous Phase I ESA reports, subsurface investigation reports, Asbestos and Lead-based Paint Survey reports)
•Environmental Compliance Audit Reports
•Environmental Permits (for example, solid waste disposal permits, hazardous waste disposal permits, etc.)
•Registrations for underground or aboveground storage tanks
•Material Safety Data Sheets
•Community Right-to-Know
•Safety Plans, Spill Prevention Plans, etc.
•Reports regarding hydrogeologic conditions on the property or surrounding area
•Notices or correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
•Hazardous waste generator notices or reports
•Risk Assessments
•Recorded Activity and Use Limitations

The owner/occupant questionnaire was completed by:

Name	Luis Calderon	**Address**	730 S. A Street Oxnard, CA 93030
Relationship to property	Tenant		
Date Reviewed	7/30/2020	**Phone Number**	***805-612-2472***

PLEASE RETURN COMPLETED QUESTIONNAIRE TO:

Paige Sawaya | Environmental Scientist
Business **+1 (805) 681-1350** | Cell **+1 (310) 987-0860** | paige.sawaya@tetratech.com

Tetra Tech | Complex World, Clear Solutions™
5383 Hollister Ave. #130 | Santa Barbara, CA 93111 | tetratech.com

H USER QUESTIONNAIRE

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URGENT and CONFIDENTIAL

USER QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-05

Site Name:, Proposed Rio School District Offices and Maintenance, Operations, and Transportation facilities
Address: 10-Acre Portion of Assessor's Parcel No. 144-0-110-225 located at or near 3410 North Rose Avenue, Ventura County, California, 93036

Completed By: Mr. Wael Saleh, Assistant Superintendent Business Services, Rio School District

The person who will use the Phase One should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk. We need these answers before we conduct the site visit.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

   Have you checked for these environmental cleanup liens? ☒ Yes ☐ No
   Are you aware of any such liens against the subject property? ☐ Yes ☒ No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

   Are you aware of any possible AULs involving the subject site? ☒ Yes ☐ No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

   Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? ☐ Yes ☒ No

4. **Fair Market Value (FMV).** A purchase price significantly below FMV may indicate an environmental problem. Please note that this question does not require an appraisal of the property. If the price is significantly below FMV, the User should consider whether it might be because contamination may be present at the property.

   Is the purchase price significantly below fair market value? ☐ Yes ☒ No

5. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

   Do you know of any obvious indicators of possible contamination on or near the site? ☐ Yes ☒ No

6. **Common Knowledge.** Please use a separate sheet if necessary.

   Describe the past uses of the property: Agriculture

   Describe any specific chemicals that may have been present at the property: No Knowledge*

   Describe any other information that may help us identify possible contamination: No Knowledge*

# of separate sheets attached: _____



Your Signature_____ **Date** 9/11/2020

Mr. Wael Saleh, Assistant Superintendent Business Services
Rio School District

Explain Yes answers on a separate sheet.
*In progress with Tetra Tech

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Job No. T41363

Phase I Environmental Site Assessment, Rio Del Valle Middle School Expansion Project 2600 North Rose Avenue Oxnard, California 93036

Prepared for:

Rio School District
1800 Solar Drive
Oxnard, California 93030

Prepared by:

Tetra Tech
5383 Hollister Avenue, Suite 130
Santa Barbara, California 93111

September 23, 2021

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1.0 INTRODUCTION

1.1 SUMMARY

This report presents the findings of a Phase I Environmental Site Assessment (ESA) prepared by Tetra Tech for the Rio School District (RSD) to evaluate and 11.1 acre portion of Assessor's Parcel No. (APN) 144-0-110-590 at 2600 North Rose Avenue in the Oxnard planning area of Ventura County, California (hereinafter referred to as the Site). Sage Realty (Sage) is coordinating this project for Rio School District (RSD). The Site location is shown on Figure 1. Figure 2 shows existing conditions, the approximate boundary of the Site, and the adjacent areas.

The Site is currently used as an organic berry farm and contains a single family residence, a farm yard area used for fuel and equipment storage, and areas formerly leased to a landscape maintenance company and for junk automobile storage (Figure 3).

The Phase I ESA was performed as part of the due diligence efforts required to support development of the Site by the RSD. The RSD proposes to acquire and develop the 11.1 acre Site with new educational and support facilities as part of the Rio Del Valle Expansion Project. The proposed development for the Site include a Transportation and Parking Facility in the western half of the Site (approximately 5.6 acres). The eastern half of the Site (approximately 5.4 acres) is planned to be developed as part of the adjacent Rio Del Valle Middle School campus at a future point in time with recreation/athletic facilities including tennis courts and basketball courts. The Rio Del Valle Expansion Project will also include new developments on the adjacent existing Rio Del Valle campus and a 10.0 acre North Campus expansion area that will continue to be used for agricultural production (Figure 1).

This Phase I ESA was performed by Tetra Tech under contract with RSD, in accordance with our proposal dated April 6, 2021, and ASTM International (ASTM) Standard Practice E1527-13 document entitled *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM 2013). In addition, as a conservative measure the assessment was conducted in accordance with the guidelines of proposed Title 40, Code of Federal Regulations (40 CFR) Part 312, *Standards and Practices for All Appropriate Inquiries* (AAI) (Federal Register 2015).

1.2 PURPOSE AND SCOPE

The purpose of this Phase I ESA was to evaluate potential Recognized Environmental Concerns (RECs) and Business Environmental Risks (BERs) associated with the areas of the Site included in the proposed modernization project. Pursuant to the updated ASTM standard effective November 1, 2013, ASTM defines RECs as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. A BER is defined as "a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice". *De minimis* conditions are not recognized environmental conditions. This study was conducted to identify, to the extent possible and based on available information, whether former activities at or near the Site may have involved or resulted in the use, storage, disposal, and/or release of hazardous or potentially hazardous substances to the environment. Using professional judgement, Tetra Tech has developed an opinion regarding the potential for environmental concerns at the Site.

The scope of services performed for this project included the following tasks:

- Research and review of pertinent and readily available geologic and hydrogeologic literature and available historical aerial photographs and topographic maps of the Site and surrounding area;
- A reconnaissance of the Site and surrounding properties;
- Interviews with the current property owner, employees, and tenants;
- Evaluation of on-Site hazardous substance use, storage, and/or disposal;
- Interaction with appropriate municipal, regional, and state agencies to review available records and permits;
- Acquisition and review of a regulatory agency database report; and
- Preparation and submittal of this report summarizing the results of the Phase I ESA and presenting interpretations and recommendations.

1.3 METHODS OF INVESTIGATION

Literature Review. Available published and unpublished geologic, hydrogeologic, and environmental reports were reviewed. A list of these reports is presented in Section 10.0 of this report.

Topographic Map Review. Historical topographic maps obtained through Environmental Data Resources, Inc. (EDR) (EDR 2021) were reviewed to evaluate past land use and site development. These topographic maps are provided in Appendix A.

Aerial Photograph Survey. Historical aerial photographs obtained through EDR were reviewed and incorporated into this report (EDR 2021). This review consisted of examining the photographs for evidence of previous activities that may affect the environmental condition of the Site. The aerial photographs are provided in Appendix B.

Site Reconnaissance. Site reconnaissance, consisting of a walk-through visit of the Site and surrounding area. During the reconnaissance, visible indications of hazardous substance use, storage, and/or disposal practices were evaluated at the Site and adjacent areas. Photographs of the Site taken during the reconnaissance are provided in Appendix C.

Interviews. Interviews were conducted by email, telephone, or in person with various regulatory agency representatives (see below), and current Site occupants (business owners/managers) to obtain information on the Site history, land use, surrounding land use, and regulatory agency data.

Agency Contacts. During this assessment, the following agencies/organizations were contacted via email, telephone, personal interviews, and/or record searches for information relating to the Site:

- The California Environmental Protection Agency - Department of Toxic Substances Control (DTSC);
- California State Water Resources Control Board (SWRCB);
- Regional Water Quality Control Board, Los Angeles Region (LARWQCB);

- Ventura County (Air Pollution Control District, Environmental Health Division, Building Department, Fire Department, and Planning Department);
- California Department of Conservation Geologic Energy Management Division (CalGEM);
- National Pipeline Mapping System (NPMS); and
- U.S. Department of Homeland Security Federal Emergency Management Agency (FEMA).

Documentation of these contacts is provided in Appendix D.

Regulatory Agency Database and Sanborn Map Search. EDR maintains comprehensive environmental information databases and historical information, including Certified Sanborn Map Report, ERD-City Directories Abstract, and EDR Building Permit Report, which are included for the Site in Appendix E of this report. EDR specializes in providing such data for use in real estate and environmental documents. EDR performed a search of multiple databases containing specific government records, each within a prescribed search radius of the Site. The search radii varied from 0.25 to 1 mile depending on the database. The specific search radii for each database are listed in the EDR report (Appendix E).

Environmental Liens and Activity Use Limitations. A specific search for environmental liens and activity use limitations (AULs) was performed for the Site by EDR and is included in EDR Environmental Lien and AUL Search report in Appendix E.

1.4 SIGNIFICANT ASSUMPTIONS, LIMITATIONS, AND EXCEPTIONS, SPECIAL TERMS AND CONDITIONS

1.4.1 Significant Assumptions

Information provided by others to Tetra Tech is assumed to be accurate and complete. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information. Unless such inquiry indicated otherwise, the information was considered accurate and complete. As discussed in Section 1.4.2, there are limitations to this assumption.

There were no other significant assumptions made during the conduct of this Phase I ESA.

1.4.2 Limitations and Exceptions

Tetra Tech did not significantly delete or deviate from the scope and limitations set forth in the ASTM Standard Practice E1527-13 document entitled "Standard Practice for Environmental Assessments: Phase I Environmental Site Assessment Process", except for the following:

- A limited visual survey of the Site for the presence of suspect asbestos containing materials (ACMs), lead-based paint (LBP) and other lead containing materials (LCMs), and obvious mold/microbial growth/moisture accumulation or water damage. Tetra Tech's limited visual inspection for suspect ACMs, suspect LBP and other LCMs, and obvious mold conditions or water damage included observations in readily and physically accessible areas. The limited visual survey was not a formal survey and was not performed by a certified asbestos, LBP/LCM, and mold inspector.

Our professional services have been performed, our findings obtained, and our conclusions prepared in accordance with customary principles and practices in the fields of environmental science and engineering. This warranty is in lieu of all other warranties either expressed or implied. Tetra Tech is not responsible for the independent conclusions, opinions, or recommendations made by others based on the records review, Site inspection, and/or laboratory test data presented in this report.

It should be noted that all surficial environmental assessments are inherently limited in the sense that conclusions are drawn from information obtained from limited research and Site evaluation. Subsurface conditions were not field investigated as part of this study and may differ from the conditions implied by the surficial observations. Additionally, the passage of time may result in a change in the environmental characteristics at this Site and surrounding properties. This report does not warrant against future operations or conditions, nor does this warrant operations or conditions present of a type or at a location not investigated. This report is not a regulatory compliance audit.

Tetra Tech reviewed past ownership of the Site with the intent to evaluate past Site usage. Tetra Tech is not a professional title insurance firm and makes no guarantee, either explicit or implied, that the listing which was reviewed represented a comprehensive delineation of past Site ownership or tenancy for legal purposes.

Certain information contained in this report may have been rightfully provided to Tetra Tech by third parties or other outside sources. When provided, Tetra Tech has made reasonable inquiry into the accuracy of such information; however, Tetra Tech does not make any warranties or representations, either expressed or implied, regarding the accuracy of such information, and shall not be held accountable or responsible in the event that any such inaccuracies are present.

1.4.3 Special Terms and Conditions

There were no special terms or conditions associated with this Phase I ESA.

1.5 USER RELIANCE

It is Tetra Tech's understanding that this Phase I ESA is being requested in conjunction with due diligence activities by the RSD. Tetra Tech recognizes that this report is to be used exclusively by RSD, and it is a report upon which RSD can rely, in accordance with the provisions of the contract between RSD and Tetra Tech.

1.6 STATEMENT OF QUALIFICATIONS

Tetra Tech is a leading provider of specialized management consulting and technical services in three principal business areas: resource management, infrastructure and communications. The Company's clients include a diverse base of public and private sector organizations serviced through more than 450 offices located in the United States and internationally.

Our technical staff have demonstrated competence and ability in preparing environmental assessments through long-term working relationships with local commercial firms and government agencies.

Tetra Tech has conducted environmental assessments at a wide variety of properties including industrial, manufacturing, commercial, and residential sites. Tetra Tech has performed Phase I ESAs for banks, private developers, county and city agencies, and commercial firms.

Tetra Tech personnel are well-trained and have extensive experience in the acquisition and interpretation of the collected data. Data gathering efforts focus on historic aspects of site activities that would contribute to spills, leakage or disposal of hazardous materials and petroleum products. Identifying contaminant issues that could impede development of the site, through either high costs or extended time periods for remedial actions, is a goal of data gathering and interpretation. Tetra Tech also identifies potential sources of contamination in the areas adjacent to the Site, such as leaking underground storage tanks that could impact the Site, and therefore become a REC.

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2.0 SITE DESCRIPTION AND HISTORY

2.1 SITE LOCATION

The Site is located on a 11.1-acre rectangular-shaped portion of APN 144-0-110-590, a 21.98-acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). The geographic coordinates of the Site are approximately Latitude 34° 13' 50.75" North, Longitude 119° 9' 15.86" West (Google Earth 2021). Surface elevations at the Site are approximately 92 feet above mean sea level (EDR 2021).

2.2 SITE VICINITY CHARACTERISTICS

The Site is located in an area developed primarily for residential and agricultural land use situated in the Rancho Santa Clara del Norte General Plan Area of Ventura County (Ventura County 2019). (Figures 1 and 2). The Ventura County and City of Oxnard zoning for the Site and adjacent areas is shown on Figure 2 (City of Oxnard 2014; Ventura County Geographical Information Systems Department 2021; Ventura County Resource Management Agency Planning Division 2021). The Site and the adjacent area to the southeast and east are zoned Agricultural Exclusive forty acre minimum lot (AE-40 ac). North Rose Avenue is adjacent to the northwest Site boundary. The area directly across North Rose Avenue from the Site is zoned Rural Exclusive 20,000 square feet minimum lot (RE 20,000 sq ft) and 10,000 square feet minimum lot (RE 10,000 sq ft). The Rio Del Valle Middle School, located adjacent to the northeast Site boundary, is zoned RE 20,000 sq ft. The Oxnard Auto Center located adjacent to the southwest Site boundary across Collins Street is zoned for Auto Sales and Service.

2.3 CURRENT AND PAST USES OF THE SITE

Currently, the Site is used for residential use, storage yard use, and the agricultural production of organic raspberries. Historical aerial photographs and Google Earth images indicate that the Site was previously used for cultivation of row crops and orchards.

2.4 DESCRIPTION OF STRUCTURES, ROADS, AND OTHER IMPROVEMENTS

2.4.1 Site

At the time of the April 20, 2021 Site reconnaissance, the Site comprised an approximate 11.1-acre area of the 21.98-acre parcel owned by KMS Industries, Inc (Figure 3). The Site was leased by Reiter Affiliated Companies for organic raspberry production. The Site contained (approximately) a 0.3-acre Residence, 0.25-acre Tenant Storage Yard, a 0.45-acre Junk Vehicle Storage Area, a 1.1-acre Farm Equipment Storage and Parking Area, and a 0.3-acre Farm Yard. The remaining 8.7 acres of the Site was occupied by areas of organic raspberry production with access roads. The Residence area contained an unmaintained swimming pool, yard, parking area and garage, and tool shed. The Junk Vehicle Storage Area contained approximately 30 junk vehicles. A trailer, motor home, two storage containers, utility truck, and vehicles were located in the Tenant Storage Area. The Farm Equipment Storage and Vehicle Parking Area contained agricultural equipment including fertilizer tanks, a storage container, shade structure parts, tarps, wood, and motorized equipment. The storage container contained various equipment including an air compressor, hoe shovel, pallet jack, hoses, and plastic trash containers, twenty one 50-pound bags of "Ultra Fines" (a gypsum based agricultural product), a pallet of bags of citric acid anhydrous (an agricultural product), a folding table and chairs, and two wooden pallets. Three cylindrical steel above ground storage tanks (ASTs) containing diesel fuel, red diesel fuel, and gasoline were observed in the Farm Equipment Storage and Vehicle Parking Area in the northeastern corner of the Site. The two diesel ASTs are approximately 300 gallons capacity

and the gasoline AST is approximately 500 gallons capacity. The ASTs are within individual steel containment bins (Section 4.1.1).

The utility providers for the Site are summarized in Table 1. A private well provides water for the onsite residence (Well 26 G1). The water for crops at the Site is provided by one groundwater production well (Well 26F2) owned and operated by the Site owner, KMS Industries, Inc. The locations of the two KMS Industries wells are shown on Figure 3. No natural gas is provided to the Site.

Table 1: Utilities

Utility	Provider
Electricity	Southern California Edison
Natural Gas	NA
Potable Water	One groundwater production well (26G1) owned by KMS Industries, Inc.
Crop Irrigation Water	One groundwater production well (26F2) owned by KMS Industries, Inc.
Sewage Disposal	Rented portable restrooms for the farm operations and a septic system for the residence.
Refuse Disposal	Harrison Industries

2.4.2 Adjacent Residential and Commercial Areas

North Rose Avenue is located immediately adjacent to the northwestern Site boundary (Figure 2). The area across North Rose Avenue from the Site is largely developed in residential land use except the church, Iglesia Ni Cristo, on the corner of Collins Street and North Rose Ave. Rio del Valle Middle School is located adjacent to northeastern Site boundary. The southwestern edge of the Site is adjacent to Collins Street with retail, commercial, and auto sales facilities to the southwest. The area southeast of the Site is used for raspberry production by Reiter Affiliated Companies. The United Water Conservation District (UWCD) El Rio Spreading Grounds are located approximately 0.25 to 1.0 mile north of the Site on the northwest side of North Rose Avenue. Water is diverted from the Santa Clara River to the El Rio Spreading Grounds to recharge the underlying aquifers (refer to Section 3.3.1).

2.5 HISTORICAL RECORDS REVIEW

Past uses of the Site and surrounding properties were evaluated by reviewing available historical map coverage, historical aerial photographs, and information obtained from various agencies identified in Section 1.3. The information collected is summarized in the following sections.

2.5.1 Sanborn Map

The EDR Sanborn Map Report is included in Appendix E. The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others, which track historical property usage in approximately 12,000 American cities and towns. The Sanborn Map Report indicated there were no Sanborn Maps for the Site area (EDR 2021).

2.5.2 City Directory Review

The EDR City Directory Review is included in Appendix E. The EDR-City Directory Abstract is a screening tool designed to assist in evaluating potential liability on a target property resulting from past

activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five-year intervals. Listings were found in the City Directory under the Site address 2600 North Rose Avenue, Oxnard, CA 93036 for 1970, 1975, 1980, 1985, 1986, 1993, 1994, 2004, 2009, 2014, and 2017 indicating that the follow parties owned the Site:

- Vincent, Doud, 1970, 1975, 1980, 1985, 1986, 1993, 1994;
- Doud, Thomas., 2004;
- Rose Doud Avenue Family LTD Partners, 2009; and
- Doud, Michael, 2014, 2017

All of these owner listings appear to be associated with Rose Doud Avenue Family LTD Partners. The ownership history for 9 properties on the streets in the residential neighborhood and commercial areas across North Rose Avenue north and west of the Site were listed for years ranging from 1926 through 2017. All owners listed appeared to be car dealerships and private owners.

2.5.3 Building Permit Review

The EDR Building Permit Report is included in Appendix E. The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Building permit data can be used to identify current and/or former operations and structures/features of environmental concern on the target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

Two building permits were identified for the Site:

- Permit No. P14-000265 issued by the County of Ventura Building and Safety dated October 23, 2014 for relocation of an existing gas meter due to the widening of North Rose Avenue; and
- Permit No. 97-00002269 issued by the County of Ventura Building and Safety dated July 1, 1997 for an encroachment permit.

Thirty nine building permits were identified for other properties located within approximately 0.125 mile of the Site. None of the information in the permit summaries in the EDR Building Permit Report indicated that they would pose a REC for the Site.

2.5.4 Topographic Map Review

The following historical U.S. Geological Survey (USGS) topographic maps were obtained from EDR (EDR 2021): 15-minute Topographic Series Hueneme maps dated 1904, 1943, and 1947; and 7.5-minute Topographic Series Saticoy and Oxnard maps dated 1949, 1951, 1967, and 2012. Copies of the maps are provided in Appendix A. The maps were reviewed to evaluate previous development of the Site, adjoining properties, and surrounding areas.

The 15-minute 1904 map displays the current major roads near the Site, including unnamed roads on the current alignments of North Rose Avenue, Central Avenue, Santa Clara Avenue, and the US 101 freeway.

Two buildings exist northeast and northwest from the Site, on the other side of the unnamed road on the current alignment of North Rose Avenue. A few buildings are scattered throughout both sides of unnamed road on the current alignment of North Rose Avenue. The community of El Rio is identified approximately 0.5 mile west of the Site.

The 15-minute 1943 map displays the Site as open land directly between three fields developed in orchards as denoted by small green dots. The road directly northeast of the Site is identified as Ditch Road (renamed North Rose Avenue in 1963 [Find a Grave 2021]) and no buildings exist northeast and northwest from the Site as indicated in the 1904 map. Ventura Boulevard is shown on the current alignment of the US 101 freeway, and Santa Clara Avenue and Vineyard Avenue are identified. The region is developed as farmland. More residential/commercial development is present northwest of the Site on the corner of present-day US 101 and Vineyard Avenue and is label as "El Rio". Likewise, additional residential/development now exists southeast of the Site on the corner of present-day US 101 and Santa Clara Avenue.

The 15-minute 1947 map does not display any significant changes from the 15-minute 1943 map.

The 7.5-minute 1949 map presents more areas (now including the Site) developed in orchards throughout the Site area. Furthermore, the town of El Rio is more developed. Ditch Road is depicted as a divided road with a blue line water course between the roads. Buildings exist directly northwest of the Site across Ditch Road along present-day Collins Street. The road network is similar to the 1947 map.

The 7.5-minute 1951 map does not display any significant changes from the 7.5-minute 1949 map.

The 7.5-minute 1967 map exhibits numerous more roads between the Site and Vineyard Avenue with a configuration similar to the present. The Rio del Valle Middle School is shown northeast of the Site identified as "Del Valley Sch". The Ventura Freeway (US 101 freeway) has been constructed along the former alignment of Ventura Boulevard. Two new residential neighborhoods are shown south of the US 101 freeway and El Rio. New buildings can be found at the very northern section of the map northeast of Central Avenue.

The 7.5-minute 2012 map shows significant enlargement of the road network in the town of El Rio and south of the Site including Auto Center Drive and Ventura Boulevard north of the US 101 freeway and new road networks south of the US 101 freeway. Almost all areas south of the US 101 freeway and west of Rice Avenue are developed with streets. The areas north and west of the Site are shown as vacant land. The Rio del Valle Middle School adjacent to the Site is not displayed on this map. The UWCD El Rio Spreading Grounds are shown approximately 0.25 mile northwest of the Site.

2.5.5 Aerial Photograph Review

A review of historical aerial photographs obtained from EDR included photographs dated 1927, 1938, 1947, 1953, 1959, 1967, 1978, 1985, 1994, 2005, 2009, 2012, and 2016 (EDR 2021). Historical aerial photographs dating from 1958 from the University of California Santa Barbara (UCSB) Library Map and Imagery Laboratory were also reviewed (UCSB Library Map and Imagery Laboratory 2021). The photographs are included in Appendix B. A summary of the data from the aerial photography is provided in the following paragraphs.

The 1927 photograph is a black and white image at a scale of one inch equals 500 feet. The Site is within a larger lot of land (approximately 100 acres) and is cultivated with grain as are the areas adjacent to the Site on the north and on the southwest corner. A road is adjacent to the northwest Site boundary (Ditch

Road) along the current alignment of North Rose Avenue. The lot to the northwest of the Site across Ditch Road contains orchards. Additionally, orchards are growing about 300 feet south of the Site. Approximately 1,000 feet northeast of the Site is a residential/farmyard area with four structures and a farmyard. Similarly, another residential/farmyard area exists about 1,700 feet south of the Site, in the southeast corner of the parcel in which apparently, the Site lies. Windrows of eucalyptus trees line the entire visible portion of Ditch Road and many of the lot parcel boundaries. Linear patterns from former channels of the Santa Clara River flood plain are visible on the ground surface throughout the image.

The 1938 photograph is a black and white image at a scale of one inch equals 500 feet. The Site continues to be used for grain cultivation. Orchards have been planted on the plots of land northeast of the Site, adjacent to the windrow of eucalyptus trees closest to the Site's northern border. A dark line trending northwest-southeast through the orchard approximately 310 feet northeast of the Site appears to be an irrigation ditch. An additional eucalyptus windrow is visible about 470 feet northeast from the Site's northeastern boundary. Another new eucalyptus windrow has been planted along the southeast boundary of the parcel directly northwest of the Site. The residential/farmyard areas approximately 1,000 feet northeast of the Site and 1,700 feet south of Site have a similar appearance to the 1927 image. An orchard of larger trees is present on the land about 700 feet northeast of the Site. Adjacent parcels northwest of the Site continue to be used as orchard farms. Similarly, the plot of land on the southwest corner to the Site remains to be used for grain cultivation. About 400 feet southwest of the Site, in the Site parcel, a new area of orchards has been planted. A few more parcels southeast of the Site's parcel also now contain orchards. Linear patterns from former channels of the Santa Clara River flood plain are still visible on the ground surface throughout the image.

The 1947 photograph is a black and white image at a scale of one inch equals 500 feet. New orchards have been planted within the Site boundary. The Site's adjacent areas appear similar to the 1938 photograph, except that the orchards and windrow trees are more mature. The residential/farmyard areas approximately 1,000 feet northeast of the Site and 1,700 feet south of Site have a similar appearance to the 1938 image. Collins Street and Stroube Streets have been constructed approximately 400 feet and 1,000 feet southwest of the Site on the northwest side of Ditch Road with residential lots on each side of them. The linear patterns from former channels of the Santa Clara River flood plain are still visible on the ground surface on the lot about 1,000 feet north of the Site on the northwest side of Ditch Road (which is planted with row crops and grain) but have been largely obliterated in the south part of the image.

The 1953 photograph is a black and white image at a scale of one inch equals 500 feet. The orchard within the Site and area to the northeast, southeast, and southwest have been removed and appears to in the process of being replanted. The residential/farmyard area approximately 1,000 feet northeast of the Site and 1,700 feet south of Site has a similar appearance to the 1947 image. More residential development has occurred on the northwest side of Ditch Road with new lots and housing along Orange Drive, Walnut Drive, and Corsicana Drive across from the Site. The large lot about 1,400 feet to the north of the Site on the northwest side of Ditch Road is planted in grain. Other plots of land southeast of the Site remain used as orchards.

The 1959 photograph is a black and white image at a scale of one inch equals 500 feet. The entire Site parcel and surrounding areas on the southeast side of Ditch Road are developed in orchards. A new residential building exists in the central area of the Site. The cleared land and building sit on about 0.25-acre of land, with about a 300-foot driveway entering the area from Ditch Road. Additionally, a small clearing within the orchard exists about 200 feet south of the Site. This clearing contains a small structure. The area adjacent to the Site's northeastern boundary includes more developed and mature orchards. Pole-mounted electrical power lines are visible along the southeast side of Ditch Road. Ditch Road has been widened to include a central left turn lane. All of the orchards and some of the eucalyptus windrows in the parcel directly north of the Site and along Ditch Road have been cleared, with a small remnant of eucalyptus

windrows approximately 850 feet long on the northwest side of Ditch Road across from the Site. A recently planted orchard is visible in the east-southeast area of this larger parcel. A road, Ventura Boulevard (present-day US 101 Freeway), is now a divided four lane highway with on and off ramps with a bridge over it where Ditch Road crosses the freeway. More residential development has occurred on the northwest side of Ditch Road with new lots and housing along Helsam Avenue, Salem Avenue, Simon Way, Will Avenue, Lamar Avenue, George Street, and Ditch Road. The linear patterns from former channels of the Santa Clara River flood plain visible in previous images are gone.

The 1967 photograph is a black and white image at a scale of one inch equals 500 feet. The parcel that the Site is a part of continues to be used primarily for orchards. The Rio del Valle Middle School is now present immediately adjacent to the Site's northeastern border on a new lot that includes approximately 5.7 acres. The school includes nine buildings, a parking lot along North Rose Avenue, two baseball fields, two paved court areas, and turfed fields. The remainder of the area on the southeast side of North Rose Avenue is developed in orchards. North Rose Avenue has four lanes and median islands similar to its current configuration. The small structure about 200 feet south of the Site has an additional small clearing of land with another small structure directly south of it. The residential/farmyard area approximately 1,000 feet north of the Site has a similar appearance to the 1959 image. The residential/farmyard area about 1,700 feet south of the Site displays an additional small building directly west of the home. The parcel directly north of the Site and Rio del Valle Middle School contains orchards again. The area on the northwest side of North Rose Avenue is similar in appearance to the 1959 image. The parcel southeast of the Site's parcel displays some plots of land that previously held orchards as areas now planted in grain.

The 1978 photograph is a black and white image at a scale of one inch equals 500 feet. The Site's parcel and the large parcel southeast of the Site is cleared of orchards and is planted in row crops. The parcel directly north of the Site and Rio del Valle Middle School remains covered in orchards. The eucalyptus trees dividing the parcels are no longer present. The appearance of the Site and neighboring residential neighborhoods remain similar in appearance to the 1967 image. The before mentioned small structure about 200 feet south of the Site appears to now be a developed residential home with a pool and land for storage. The residence within the Site also appears to have a pool and cars/storage on its property. A larger structure and paved area with cars now exists adjacent to the residential/farmyard area about 1,700 feet south of the Site. Pole-mounted electrical power lines are visible along the east side of North Rose Avenue. A track is now present at the Rio del Valle Middle School.

The 1985 photograph is a black and white infrared image at a scale is one inch equals 500 feet. The appearance of the Site and all areas in the image are similar in appearance to the 1978 image except the parcel directly north of the Site has been converted to row crops.

The 1994 photograph is a black and white image at a scale of one inch equals 500 feet. The appearance of the Site is similar in appearance to the 1985 image. The residential home 200 feet south of the Site and the residential/farmyard area about 1,700 feet south of the Site no longer exist. The land directly south of the Site is now being used as cleared land or commercial property. Auto Center Drive and many commercial businesses are now present in this area.

The 2005 photograph is a colored photograph at a scale of one inch equals 500 feet. The appearance of the Site and most areas in the image is similar in appearance to the 1994 image. The Site and most of the farmland southeast of North Rose Avenue appear to be planted in strawberries. New parking lots and buildings are visible along Auto Center Drive directly along the Site's southern edge. The bridge and on ramps at the intersection of the US 101 Freeway and North Rose Avenue have been reconstructed to their present configuration. The agricultural land neighboring the school and Site has been divided into long, rectangular parallel parcels.

The 2009, 2012, and 2016 are colored photographs with a scale of one inch equals 500 feet. The appearance of the Site and most areas in the image is similar in appearance to the 2005 image. The Site is planted in strawberries in the 2016 image and row crops in the 2009 and 2012 image.

The 2021 image from Google Earth displays about 1.5 acres of previous row crops in the northwest corner of the Site removed. The area has been leveled in dirt and is used primarily for the storage of farming equipment and vehicles.

2.5.6 Agency Records Review

The following is a summary of information obtained from correspondence with agencies during this assessment. These agencies were contacted via email, telephone, and/or records searches for information relating to the Site and surrounding areas. Documentation obtained from the various agencies is included in Appendix D.

2.5.6.1 California Department of Conservation, The Geologic Energy Management Division

Tetra Tech reviewed the Geologic Energy Management Division's (CalGEM, formerly DOGGR) online mapping application Well Finder (CalGEM 2021), Map 214 (California Department of Conservation, Division of Oil, Gas, and Geothermal Resources [DOGGR] 2000]), and associated well history documents to evaluate potential presence of oil fields and wells within the Site vicinity (Appendix D). Records indicate that the Site is not located in an oil field. The nearest oil field to the Site is the Santa Clara Avenue Field, located approximately 0.5 to 1 mile southeast of the Site. There are no known active or abandoned wells on Site. Two plugged wells are located within 0.4 miles or less from the Site. The online map shows that well "McGrath-McCormick 1", located approximately 1,500 feet northeast of the Site, is the oil well closest to the Site. This well was drilled by Union Oil Company of California to a depth of 11,058 feet and abandoned and plugged in 1959 as a dry hole (non-oil producing). Another plugged dry hole well, "Snodgrass 1", is located 0.4 miles west of the Site. The well was drilled by Shell Western E&P Inc. in 1928 "for geologic information only" to a depth of 1,530 feet and abandoned.

2.5.6.2 California State Water Resources Control Board

Tetra Tech reviewed online resources at the California Environmental Protection Agency (Cal EPA) State Water Resources Control Board (SWRCB) GeoTracker database (SWRCB 2021) for any records pertaining to the Site (Appendix D). The GeoTracker database includes files from the Ventura County Resource Management Agency Environmental Health Division (VCEHD). The GeoTracker database did not show any records for cases located on the Site. According to the GeoTracker database, four closed Leaking Underground Storage Tanks (LUSTs) are present approximately 0.2 miles southwest of the Site along Auto Center Drive. In addition, two closed LUSTs are present approximately 0.5 miles northeast of the Site on North Rose Avenue.

Two LUST cleanup sites, Lexus of Oxnard (T0611125329) and Lexus of Oxnard (T061110805), are located at the intersection of North Rose Avenue and Auto Center Drive, about 0.2 miles south of the Site. The Lexus of Oxnard (T0611125329) has one cleanup action report listed on the GeoTracker database that documents excavation on October 18, 2001. Its leak was discovered, reported, and stopped in 2001, and the site was closed with no further action in 2002. The contaminant of concern (COC) was gasoline. The other site, Lexus of Oxnard (T061110805), does not have a cleanup action report listed in the GeoTracker database. Its leak was also discovered and reported in 2001, and its case has been closed as of 2007. This tank's COC was gasoline. These two sites do not pose a risk to the Site.

The GTE El Rio Central Office (T0611100374) and the Honda of Oxnard (T0611170364) LUST cleanup sites are located at the intersection of Auto Center Drive and Ventura Boulevard, about 0.2 miles southwest of the Site. No cleanup action reports for these sites exist on the GeoTracker database. The GTE El Rio Central Office leak was discovered and reported in 1987. The site was closed in 1991, and its COC was diesel. The Honda of Oxnard leak was discovered, reported, and stopped in 2002. A soil and water investigation report and no further action letter were conducted in 2003. The COC was gasoline. These two sites do not pose a risk to the Site.

Two more LUST cleanup sites, UWCD El Rio Booster Pumping STN (T0611171990) and Oxnard College-Tech Building (T0611100790), are located on North Rose Avenue, just south of the UWCD facilities and 0.5 northeast of the Site. No cleanup action reports for these sites exist on the GeoTracker database. The UWCD El Rio LUST leak was discovered, reported, and mitigated in 2003. The COC was potential lead soil contamination. The Oxnard College LUST leak was discovered and reported in 1991 and was closed with no further action in 2003. The file indicated potential oil soil contamination. These two sites do not pose a risk to the Site.

2.5.6.3 Department of Toxic Substances Control

Tetra Tech reviewed online resources provided by the DTSC for any records pertaining to the Site. No records for the Site were located in the DTSC EnviroStor database (Appendix D). One school cleanup site, Rio Vista Middle School, was identified within 1-mile northwest from the Site. In 2009, the DTSC issued a No Further Action letter for the site and certified that all response actions have been completed (DTSC 2021). This site does not pose a risk to the Site.

2.5.6.4 Ventura County Resource Management Agency Environmental Health Division

All pertinent VCEHD files for the Site area were reviewed in Section 2.5.6.5. The files reviewed are included in Appendix D.

2.5.6.5 Ventura County Certified Unified Program Agency

All pertinent Ventura County CUPA files for the Site area were reviewed in Sections 5.1.1 through 5.1.5 from records provided by EDR (EDR 2021). The information is included in Appendix E.

2.5.6.6 Hazardous Pipelines

Tetra Tech evaluated the Site area to determine if hazardous pipelines are located within 1,500 ft of the Site. California Code of Regulations (CCR) Title 5, Section 14010(h) defines hazardous pipelines as:

- Pipelines carrying chemical products, natural gas, and other hydrocarbon products that are operating at a pressure of 80 pounds per square inch gauge (psig) or higher; and
- High-volume water lines, which are defined as water lines 12 inches or greater in diameter, and open aqueducts of comparable and greater volume handling capacity.

Three potentially hazardous pipelines located within 1,500 feet of the Site were identified.

National Pipeline Mapping System

The U.S. Department of Transportation (DOT) Pipeline and Hazardous Materials Safety Administration NPMS website is an interactive database that maps the locations of hazardous liquid and gas transmission

pipelines under DOT jurisdiction. Tetra Tech reviewed the NPMS website for information on hazardous liquid and gas transmission pipelines in the Site area. The NPMS data base indicated that no hazardous liquid pipelines are located within 1,500 feet of the Site (Appendix D). The nearest natural gas pipeline transmission pipeline under NPMS jurisdiction is located approximately 0.8 miles east from the Site along Santa Clara Avenue (NPMS 2021) (Appendix D).

City Oxnard Public Works

The City of Oxnard Public Works Water Division is the water purveyor for the Site area. Tetra Tech contacted the City of Oxnard Public Works Water Division for information on water pipelines within 1,500 feet of the Site and was provided with the City of Oxnard Water Atlas pages showing water pipelines within 1,500 feet of the Site (Magana 2021; City of Oxnard 2018; City of Oxnard 1992) (Appendix D). The City of Oxnard Water Atlas shows a 16-inch diameter steel water pipeline buried at approximately 4 feet below ground surface (bgs) operated by the City of Oxnard routed northeast-southwest beneath North Rose Avenue approximately 30 feet northwest of the Site (Figure 2). In addition, a 12-inch diameter PVC pipe runs along Collins Street, the southern edge of the Site, buried at approximately 4 feet below ground surface.

United Water Conservation District

The UWCD manages the water resources of the Santa Clara River and its associated aquifers and provides water to Ventura County and the cities of Oxnard, Port Hueneme, Ventura, Santa Paula, and Fillmore. The Oxnard Water Atlas indicates that the UWCD maintains a 42-inch water pipeline beneath North Rose Avenue approximately 40 feet northwest of the Site (Figure 2) (Magana 2021; City of Oxnard 2018) (Appendix D). The pipeline is constructed with cement mortar-lined steel and is buried at approximately 4 feet bgs (Kada 2020).

2.5.6.7 Federal Emergency Management Agency

Tetra Tech obtained the Flood Insurance Rate Map No. 06111C0910E for the Site vicinity from the FEMA website for information regarding the current location of flood zones (FEMA 2010). This information is summarized in Section 3.3.2.

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3.0 PHYSICAL SETTING AND CONDITIONS

The Site is depicted on the Oxnard, California Quadrangle USGS 7.5-minute topographic series map (USGS 2018) (Figure 1). The geographic coordinates of the Site are approximately Latitude 34° 13' 50.75" north, Longitude 119° 9' 15.86" west. The EDR report indicates that the Site elevation is approximately 92 feet above mean sea level (msl) (EDR 2021). Review of the USGS 7.5-minute topographic series map and Google Earth image dated February 28, 2021, indicates that the Site area topography is relatively flat with a slight gradient to the southeast. Site surface elevations at the Site range from approximately 95 above msl on the northwest boundary to 89 feet above msl on the southeast boundary.

3.1 REGIONAL GEOLOGY

The Site is located in Ventura County on the Oxnard Plain of the central Ventura Basin within the Western Transverse Ranges geomorphic province of California. This geomorphic province is distinguished by the prevailing east-west linear trend of its geologic structure and geomorphology in contrast to the predominant northwest-southeast trend of the geomorphic features within most other provinces of the state. The province is bounded by major faults, including the San Andreas Fault zone in the northeast, the Big Pine fault in the north and the Malibu Coast fault in the south. Most of the faults in Ventura County are reverse faults which dip north, including the Pine Mountain, Red Mountain, San Cayetano, Santa Susana, Simi, Ventura and Malibu Coast faults (Norris and Webb 1990).

The Ventura Basin is a large synclinal structure situated between the Santa Ynez Range and Topa Mountains on the north, the Channel Islands and Santa Monica Mountains on the south, the San Gabriel Fault on the east, and extending to the western end of the Santa Barbara Channel (Norris and Webb 1990). Structure in the Oxnard Plain is characterized by a series of broadly folded west-trending and east-northeast–trending anticlines and synclines associated with thrust and reverse faults that formed in the Saugus Formation and may have also deformed the overlying older alluvium (California Department of Conservation, California Geologic Survey [CGS] 2002).

3.2 LOCAL GEOLOGY

Locally, the Site is situated in the Oxnard Plain sub-province. Lithologic units of sedimentary origin underlying the nearly-flat Oxnard Plain are approximately 45,000 feet in thickness and consist of Upper Cretaceous, Tertiary, and Quaternary-age units which have been deposited on a pre-Upper Cretaceous base of igneous and/or metamorphic rock. Unconsolidated Holocene (last 11,000 years) sediments beneath the Site were deposited during the post-glacial period in marine, lagoonal, lacustrine, fluvial-flood plain, deltaic and eolian environments, including the pre-historic delta of the ancient Santa Clara River and Calleguas Creek and reach a depth of approximately 900 feet beneath the Oxnard Plain (Turner and Mukae 1975).

3.3 HYDROLOGY

3.3.1 Hydrogeology

The Site straddles the boundary between the Oxnard Forebay Basin and the Oxnard Pressure Plain Basin, subbasins of the larger Santa Clara-Calleguas groundwater basin. The Oxnard Forebay Basin is an important groundwater recharge area for valuable resources of groundwater in aquifers underlying the Oxnard Plain while the Oxnard Pressure Plain Basin contains a shallow perched water bearing zone that is separated from the underlying aquifers of the Santa Clara-Calleguas groundwater basin by an aquitard at approximately 50 to 100 feet below ground surface (bgs) that inhibits recharge of the underlying groundwater aquifers. The unconsolidated sediments beneath the Oxnard Forebay Basin and Oxnard

Pressure Plain Basin and the Site are composed of both continental and marine deposits of Tertiary and Quaternary age. They contain multiple aquifers of coarse grain sediments with intervening fine grain aquitards. Aquifers have been grouped into an Upper Aquifer System (UAS) and a Lower Aquifer System (LAS) based on changes in geologic structure and separated in many areas by regional layers of low permeability clay. The UAS sediments are relatively flat lying and extend to approximately 400 feet beneath the Site. The sediments in the LAS are more structurally complex, resulting from folding and faulting. In the Oxnard Forebay Basin, alluvial sediments in the subsurface are predominantly coarse grain sands and gravels. Fine grain sediments, such as silts and clays, that can act as confining layers are generally absent or discontinuous. This condition allows for direct recharge of the UAS from the surface and some recharge of the LAS from the UAS in the subsurface (Fox Canyon Ground Water Management Agency 2017; Turner and Mukae 1975).

The first encountered groundwater beneath the Site is in the UAS. Review of potentiometric maps for the UAS from 1972 through 2018 indicate that the depth to groundwater ranged from approximately 33 feet bgs to 139 feet bgs during that time period (Fox Canyon Groundwater Management Agency 2015) (Appendix D). The most recent groundwater elevation data for spring 2018 indicates that the first encountered groundwater in the Site area was at approximately -39 feet below msl or approximately 138 feet bgs (Fox Canyon Groundwater Management Agency 2019). The depth to the highest known historical groundwater level in the Site area is approximately 20 feet bgs (CGS 2002).

3.3.2 Flood Zoning

According to the FEMA Flood Insurance Rate Map No. 06111C0910E, the Site is not located in a flood hazard area (FEMA 2010 (Appendix D).

3.3.3 Wetlands

The EDR report indicates that the Site area is covered in the National Wetlands Inventory prepared by the U.S. Fish and Wildlife Service (USFWS) (EDR 2021) (Appendix D). The U.S. Fish and Wildlife Service maintains the National Wetlands Inventory (NWI), a geographic information system (GIS)-based relational database of wetlands that have been mapped throughout the country. Based on the information provided in the EDR Report and review of the USFWS map for the area surrounding the Site, the nearest wetland is the UWCD El Rio Spreading Grounds, located 0.5 to 1 mile north of the Site (USFWS 2020) (Appendix D).

3.3.4 Asbestos Containing Rocks

Tetra Tech has reviewed available topographic and geologic maps for the Site area and *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos* (CDMG 2000) for potential sources of naturally occurring asbestos (NOA) and believes the risk for NOA at the Site is low. The nearest sources of NOA are approximately 40 miles northwest of the Site in the Santa Ynez River Watershed of Santa Barbara County.

4.0 SITE RECONNAISSANCE AND INTERVIEWS

On April 20, 2021, Tetra Tech performed a visual reconnaissance of the Site property and conducted an interview with Mr. Luis Calderon, Director at Reiter Affiliated Companies. The purpose of the reconnaissance was to evaluate the Site and neighboring properties for visible indications of potential hazardous substance use, storage, and disposal, including the presence of underground storage tanks (USTs), ASTs, asbestos-containing materials, polychlorinated biphenyl (PCB) containing transformers or electrical equipment, and/or evidence of soil staining, stressed vegetation, ponds, pits, sumps, suspicious odors, fill and depressions, drums and barrels, or any other condition indicative of potential contamination. Tetra Tech used the information provided in the interview to complete the Checklist for Phase I Site Visit (Appendix F). Mr. Calderon also completed the Phase I Environmental Site Assessment Owner/Occupant Questionnaire included in Appendix G.

4.1 SITE RECONNAISSANCE

Photographs were taken during the Site reconnaissance to document current conditions. Copies of the Site photographs are included in Appendix C. The Site layout is shown on Figure 3.

4.1.1 Storage Tanks and Drum Storage

Three ASTs owned by MacValley Oil Company under lease from Reiter Affiliated Companies were observed on the Site during the Site reconnaissance. The three ASTs are located next to each other in secondary containment bins in the Farm Equipment Storage and Vehicle Parking Area in the northwest corner of the Site. The ASTs are adjacent to the shipping container in the area, about 150 feet northwest of the residence. One AST holds diesel fuel, one holds red diesel fuel, and one holds gasoline. The two diesel ASTs are approximately 300 gallons capacity and the gasoline AST is approximately 500 gallons capacity. The ASTS were placed onsite in 2016. Soil staining was observed at the base of the AST secondary containment bins (Appendix C, Photos 47-51).

In addition, approximately 30 plus 1,000 liter (264 gallon) organic liquid fertilizer storage containers (totes) exist on the Site. Most of the containers are located directly north of the diesel and gasoline ASTs, and the remaining containers are spread out throughout the northwestern storage area of the Site. Some of the containers have evidence of water spillage on the nearby ground (Appendix C, Photos 40-42).

4.1.2 Hazardous Substances and Petroleum Products

Based on review of historical aerial photographs of the Site area, the Site was part of an orchard (possibly citrus) from at least 1938 to 1978. Smudge pots were commonly used to burn bunker oil for frost abatement in orchards during this time period. There is a potential that bunker oil from former smudge pot frost abatement activities at the Site is present in surface and near surface soil at the Site.

About 1 acre of the Site is used as a storage parking lot/junkyard. Old cars, camper vans, trucks, and tires are scattered in the dirt areas to the northeast and southwest of the residential home (Appendix C, Photos 23-30). A car battery was observed on the ground next to one of the cars in the junkyard (Appendix C, Photo 52). Approximately 30 abandoned cars were observed at the Site. An abandoned wooden storage shed lies north of the residence garage. The shed contains old paint, chemical containers, and miscellaneous tools and equipment (Appendix C, Photos 2-3). Additionally, fertilizers, paint, and cleaning products were observed throughout the residence in closets and the garage (Appendix C, Photos 12-13, 16, 17).

4.1.3 PCB-Containing Transformers and Equipment

Two pole-mounted electrical transformers were observed onsite and one was observed offsite, immediately adjacent to the Site boundary along the northwestern edge of the Site on North Rose Avenue (Appendix C, Site 55-60). No evidence of transformers leakage, such as soil staining, was observed during the Site reconnaissance.

4.1.4 Stained Soils/Stains/Stressed Vegetation

Various locations throughout the storage parking lot/junkyard next to the residential home displayed oil stains from old cars (Appendix C, Photos 31-32). Additionally, leaking or spills were observed near the water fertilizer containers and ASTs, as discussed above. No stressed vegetation was observed on the Site.

4.1.5 Asbestos-Containing Materials

The environmental professional preparing this report has reviewed the site history and performed a site inspection such that an educated opinion could be rendered. This opinion shall in no means constitute confirmation of the presence or absence of asbestos-containing building materials (ACBM). For confirmation, a complete survey with sampling and analysis would need to be performed. The use of asbestos was generally discontinued after 1980 with certain types of insulation, fireproofing, and acoustical materials banned by 1978.

The historical aerial photographs reviewed for this report indicate that the residence at the Site was constructed between 1953 and 1959. Given the age of the building, ACBMs may be present in building materials such as pipe insulation, wall insulation, wall board compounds, adhesives, and roofing materials.

4.1.6 Lead-Based Paint

The use of LBP was banned in 1978. Based on the age of the existing onsite structures, LBP may have been applied to the structures. During the Site reconnaissance, interior and exterior photos of building walls were taken (Appendix C, Photos 1, 2, and 10).

4.1.7 Pipelines

Two high volume water transmission pipelines are located approximately at 50 and 65 feet northwest of the Site buried beneath North Rose Avenue and one is located approximately 8 feet southwest of the Site along Collins Street (Magana 2021). These are considered to be potentially hazardous pipelines within 1,500 feet of the Site as defined in CCR Title 5, Section 14010(h) and are discussed in Section 2.5.6.6.

4.1.8 Electromagnetic Radiation

Title 5 of the California Code of Regulations (CCR) stipulates that a school site shall not be within the following distances from a high power electric transmission line:

- 100 feet from a 50-133 kV line;
- 150 feet from a 220-230 kV line; or
- 350 feet from a 500-550 kV line.

Pole-mounted electrical power lines owned and operated by SCE are located along the northern and western Site boundary along North Rose Avenue and Rio Del Valle Middle School. A line of power lines runs through the property on Site. It is unknown what the voltage is for these power lines.

Mr. Jim Osborne from SCE indicated that the kV rating for the electrical power lines along North Rose Avenue are rated at 16 kV (Osborne 2020).

4.1.9 Hazardous Air Emitters

Tetra Tech evaluated the neighborhood during the Site reconnaissance for facilities or businesses considered likely to emit hazardous air pollutants; none were observed in the Site vicinity. Based on observations of surrounding properties and review of the EDR Radius Report (EDR 2021) (Appendix E) which tracks the emissions database inventory of the California Air Resources Board, there are no hazardous air emission sources located within 0.25 mile of the Site and it is unlikely that the Site would be impacted by hazardous air emissions.

4.1.10 Pesticides/Herbicides/Fertilizers

Based on review of historical aerial photographs of the Site area, the Site was part of an orchard (possibly citrus) from at least 1938 to 1978, and for row crop production from at least 1978 to the present. During the Site reconnaissance, it was confirmed that the Site is currently used as an organic raspberry farm and that no pesticides or herbicides are currently used. Therefore, it is likely that organochlorine pesticides (OCPs) and arsenic-based pesticides were formerly used at the Site. OCPs were used for insect control on farms throughout the United States from the 1940s through 1972, when they were banned by legislation due to their toxic characteristics. They persist in the environment and are commonly found on lands that were farmed from the 1940s through 1972. Some OCPs, such as DDT, are human carcinogens.

Table 2 lists the pesticides used at the Site between September 2015 and August 11, 2021 for the organic farming operation (Calderon 2021). The complete list is included in Appendix D. Because these are applied for certified organic farming, they are not considered to pose a REC for the Site.

Table 2
Organic Pesticides Used at 2600 North Rose Avenue from September 2015 and August 11, 2021

Product Name	Total Quantity Used		Amount Used per Acre	
ACTINOVATE SP	612.00	ounces	12	ounces
AZA-DIRECT	1,909.76	ounces	32	ounces
CUEVA FUNGICIDE CONCENTRATE	1,237.00	gallons	1.5-2.0	gallons
ENTRUST SC	4,296.79	ounces	6.0-10.2	ounces
GRANDEVO	256.20	pounds	2.0-3.0	pounds
JAVELIN WG BIOLOGICAL INSECTICIDE	317.02	pounds	1.0-1.5	pounds
KINETIC	6,471.66	ounces	1.0-12.0	ounces
LEAF LIFE WIDESPREAD ORGANIC	5.63	gallon	0.1	gallon
MICROTHIOL DISPERSS	4,903.00	pounds	2.0-6.0	pounds
MILLER NU FILM P	14.63	gallon	0.01-0.06	gallon
NEEMIX 4.5 BOTANICAL AGRICULTURAL INSECTICIDE	7.88	gallon	0.1	gallon
OMNI OIL 6	69.67	gallons	1.0-1.5	gallons

Table 2
Organic Pesticide Used at 2600 North Rose Avenue from September 2015 and August 11, 2021 (continued)

Product Name	Total Quantity Used		Amount Used per Acre	
OSO 5% SC FUNGICIDE	1.07	gallon	0.1	gallon
OXIDATE	202.50	gallons	1.0-1.5	gallons
OXIDATE 2.0	39.00	gallon	0.3-1.0	gallon
PFR-97 20% WDG	61.92	pounds	2	pounds
PYGANIC CROP PROTECTION EC 5.0 II	685.85	ounces	14.0-16.0	ounces
REGALIA	131.00	gallon	0.5-0.8	gallon
SERENADE ASO	36.74	quarts	2	quarts
SUPPRESS EC	76.50	gallons	2.3	gallons
TRILOGY	252.49	gallons	0.2-2	gallons
TRI-TEK	199.52	gallons	2	gallons
XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	2,320.73	pounds	1.5-2.0	pounds
XENTARI(R) BIOLOGICA	160.00	pounds	2	pounds

4.1.11 Rodents

During the Site reconnaissance, no evidence of rodents was observed.

4.1.12 Potable Water Supply/Wells

Two private domestic wells were observed at the Site during Site reconnaissance (Figure 3). Well 26G1 is located approximately 10 feet southeast of the residence garage and is used to provide potable water for the Site residence. Well 26F2 is located approximately 45 feet southeast of the residence garage and is used to provide water for the berry farm. Well 26G1, draws from the Oxnard aquifer. Well 26F2, draws from the Oxnard and Mugu aquifers (Ventura County Public Works Agency Flood Control and Water Resources Department 1984, Revised 1990). Both wells are owned by the Site owner, KMS Industries, Inc. (Calderon 2021) (Appendix C, Photos 20 and 21).

4.1.13 Wastewater

During Site reconnaissance, no industrial wastewater generation was observed.

4.1.14 Storm Water

Storm water runoff on the Site drains to the drainage ditches bordering the raspberry rows and is carried offsite to the southeast following the natural topography of the Site area.

4.1.15 Wetlands/Intertidal Lagoon

The EDR report indicates that the Site is covered in the National Wetlands Inventory prepared by the USFWS (EDR 2021) (Appendix E). Based on the information provided in the EDR Report and review of

the USFWS map for the area surrounding the Site, the nearest wetland is the UWCD El Rio Spreading Grounds, located approximately 0.5 to 1 mile north of the Site (USFWS 2021).

4.1.16 Sewage Disposal System/Septic Systems

The Site's residential home has a septic system. Tetra Tech requested information on the residential septic system from the Site owner but has not received it.

4.1.17 Drains/Sumps/Vaults/Pools

During the Site Reconnaissance, one pool was observed in the backyard of the residence. The pool and pool water were in poor condition and not well maintained (Appendix C, Photo 18).

4.1.18 Solid Waste

No evidence of solid waste disposal was observed at the Site. Domestic trash collection and disposal is managed by Harrison Industries.

4.1.19 Other Site-specific Environmental Conditions

There were no other Site-specific environmental conditions noted during the site reconnaissance.

4.2 INTERVIEWS

4.2.1 Reiter Affiliated Companies

Mr. Luis Calderon gave Mr. Steele and Ms. Sawaya a tour of the raspberry farm and residential/storage area during the Site reconnaissance and answered questions about the Site. Mr. Calderon escorted the team through the residence, the neighboring storage yards, and along the border of the farm and through the agricultural rows. He answered questions regarding ASTs or USTs, pesticide/herbicide use, storage drums, etc. (Calderon 2021).

4.2.2 Interview with Past Owners and Occupants

There are no other past owners to interview. Past occupants were not able to be contacted.

4.2.3 Interview with Local Government Officials

Tetra Tech contacted local government officials at agencies where records for the Site were available and reviewed them. Additional information from interviewed government officials, if any, is included in the discussion in previous sections of this report.

4.2.4 Interview with Others

Mr. Jim Osborne, Planning Specialist with Southern California Edison, was contacted to inquire about neighboring powerline and transformer voltage and potential presence of PCBs. Mr. Michel Kadah, Engineer with UWCD, provided information about potential hazardous water pipelines and the water treatment facilities adjacent to the Site. Ms. Clara Magana of the City of Oxnard was contacted for information about water pipelines operated by the City of Oxnard in the Site area. No other interviews were conducted with individuals other than those cited in this section of the Report.

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5.0 ENVIRONMENTAL RECORDS REVIEW

5.1 EDR RECORDS

As part of this assessment, Tetra Tech retained the services of EDR, a Connecticut-based company that maintains comprehensive environmental information databases and specializes in providing such data for use in real estate and environmental documents, such as this Phase I ESA. EDR performed a database search for the target property in accordance with current ASTM standards. A copy of this report is included as Appendix E.

Among the environmental databases searched were National Priorities List (NPL) sites; RCRA - Small Quantity Generators (RCRA-SQG); DTSC EnviroStor Database (ENVISTOR); Leaking Underground Fuel Tank Report (GEOTRACKER) (LUST); Statewide SLIC Cases (GEOTRACKER) (CPS-SLIC); Active UST Facilities (UST); Aboveground Petroleum Storage Tank Facilities (AST); California Environmental Protection Agency (CalEPA) Regulated Site Portal (CERS HAZ WASTE); Statewide Environmental Evaluation and Planning System Listing (SWEEPS UST); Hazardous Substance Storage Container Database (HIST UST); California Environmental Reporting System (CERS) Tanks (CERS Tanks); California Facility Inventory Database (Cal FID UST); "Cortese" Hazardous Waste & Substances Sites List (CORTESE); and Hazardous Waste & Substance Site List (HIST CORTESE); sites. Each of the databases was searched at a radius appropriate for ASTM E1527-13. Sites identified in the databases are listed and plotted in the complete environmental database report provided in Appendix E. The following includes a summary of information regarding the Site itself, properties immediately adjacent to the Site, and/or properties that have the potential to affect the Site based on their proximity to the Site.

5.1.1 On-Site EDR Listings

No listings were identified for the target property in the EDR Radius Map report.

5.1.2 EDR Listings within 1/8 Mile of the Site

Fifteen sites (Listings A1, A2, A3, A4, A5, B6, B7, B8, A9, A10, A11, A12, C13, C14, C15 were identified by the EDR Report database search for locations within 0.125 mile from the Site. Due to the database type, their distance from the Site, and regulatory status, none of these sites are considered a REC for the Site. Each of these sites is discussed below.

Listing A1. Listing A1 is the Todey Mazda at 1521 Auto Center Drive, located about 407 feet from the Site. Listing A1 was included in the RCRA-SQG, FINDS, and ECHO databases and is 1 site of 5 in cluster A.

- The RCRA-SQG database is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The RCRA-SQG database for Listing A1 indicates the listing is a small quantity hazardous waste generator generating between 100 kilograms (kg) and 1,000 kg of hazardous waste per month.

- The Facility Index System (FINDS) contains both facility information and 'pointers' to other sources that contain more detail. No useful information was provided by this database listing.

- Enforcement & Compliance History Information (ECHO) provides integrated compliance and enforcement information about 800,000 regulated facilities nationwide.

Listing A2. Listing A2 is the DCH Audi of Oxnard at 1521 Auto Center Dive, located about 407 feet from the Site. Listing A2 was included in the AST database. The AST database lists all aboveground storage tank petroleum storage tank locations. The AST database indicates an AST is present at the listing.

Listing A3. Listing A3 is the DCH Audi of Oxnard at 1521 Auto Center Drive, located about 407 feet from the Site. Listing A3 was included in the CERS HAZ WASTE, CERS TANKS, and CERS databases.

- The CERS HAZ WASTE database lists sites in the CalEPA Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs. The CERS HAZ WASTE database indicates Listing A3 is a hazardous waste generator.

- The CERS TANKS database lists sites in the CalEPA Regulated Site Portal, which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CERS TANKS database for Listing A3 indicates an aboveground petroleum storage tank is present at the listing.

- The CalEPA Regulated Site Portal Data (CERS) database combines data about environmentally regulated sites and facilities in California into a single database. This data includes hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials.

Listing A4. Listing A4 is DCH Oxnard 1521 Imports Inc DBA DCH Audi Oxnard at 1521 Auto Center Drive, located 407 feet from the Site. Listing A4 was included in the RCRA NonGen/NLR database.

- The RCRA NonGen/NLR database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Non-Generators do not presently generate hazardous waste.

Listing A5. Listing A5 is the Lexus of Oxnard at 1621 Auto Center Drive, located about 423 feet from the Site. Listing A5 was included in the LUST, Cortese, and CERS databases.

- The LUST database lists sites in GeoTracker. The LUST database for Listing A5 indicates that the case is closed.

- The Cortese database lists sites designated by the SWRCB LUST, the Integrated Waste Board, and the DTSC Cal Sites. The Cortese database for Listing A5 indicates there is a closed LUST Cleanup Site at this listing.

- The CERS database was described for Listing A5. The CERS database for Listing A5 indicates there was a LUST Cleanup Site at this listing.

Listing B6. Listing B6 is Oxnard European Motors LLC at 1511 Auto Center Drive, located 483 feet from the site. Listing B6 was included in the CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, and HWTS databases and is site 1 of 3 in cluster B.

- The CERS HAZ WASTE database was described for Listing B6. The CERS HAZ WASTE database indicates Listing B6 is a hazardous waste generator.

- The CERS TANKS database was described for Listing B6. The CERS TANKS database indicates an aboveground petroleum storage tank is present at the listing.

- The HAZNET database lists facility and manifest data that is extracted from the copies of hazardous waste manifests received each year by the DTSC. Manifest data for shipping waste from 1994 through 2018 were contained in this database.

- The CERS database was described for Listing B6. The CERS database for Listing B6 indicates there is a chemical storage facility at this listing.

Listing B7. Listing B7 is Oxnard European Motors LLC at 1511 Auto Center Drive, located 483 feet from the site. Listing B7 was included in the RCRA NonGen/NLR database and is site 2 of 3 in cluster B. The RCRA NonGen/NLR database was described for Listing B7. Non-Generators do not presently generate hazardous waste.

Listing B8. Listing B8 is Grieco Motors West LLC DBA Mercedes-Benz of Oxnard at 1511 Auto Center Drive, located 483 feet from the Site. Listing B8 was included in the RCRA NonGen/NLR database and is site 3 of 3 in cluster B. The RCRA NonGen/NLR database was described for Listing B8. Non-Generators do not presently generate hazardous waste.

Listing A9. Listing A9 is Alexander Cadillac at 1600 Auto Center Drive, located 0.11 miles from the Site. Listing A9 was included in the AST database and is site 6 of 9 in cluster A. The AST database is described in Listing A9. The AST database indicates an AST is present at the listing.

Listing A10. Listing A10 is the Bunnin Buick-GMC at 1600 Auto Center Drive, located 0.11 miles from the Site. Listing A10 was included in the AST database and is site 7 of 9 in cluster A. The AST database is described in Listing A10. The AST database indicates an AST is present at the listing.

Listing A11. Listing A11 is R&A Alexander Investments LLC DBA Alexander Buick at 1600 Auto Center Drive, located 0.11 miles from the Site. Listing A11 was included in the RCRA NonGen/NLR database and is site 8 of 9 in cluster A. The RCRA NonGen/NLR database is described in Listing A11. Non-Generators do not presently generate hazardous waste.

Listing A12. Listing A12 is Bunnin Buick-GMC at 1600 Auto Center Drive, located about 0.11 miles from the Site. Listing A12 was included in the CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, and HWTS databases.

- The CERS HAZ WASTE database was described for Listing A12. The CERS HAZ WASTE database indicates Listing A12 is a hazardous waste generator.

- The CERS TANKS database was described for Listing A12. The CERS TANKS database indicates an aboveground petroleum storage tank is present at the listing.

- The HAZNET database lists facility and manifest data that is extracted from the copies of hazardous waste manifests received each year by the DTSC. Manifest data for shipping waste from 1994 through 2018 were contained in this database.

- The CERS database was described for Listing A12. The CERS database for Listing A12 indicates there is a chemical storage facility at this listing.

- The Hazardous Waste Tracking System (HWTS) is the Department of Toxic Substances Control's data repository for hazardous waste identification numbers and manifest information. No useful information was provided by this database listing.

Listing C13. Listing C13 is DCH Toyota of Oxnard at 1631 Auto Center Drive, located 0.12 miles from the Site. Listing C13 was included in the CERS HAZ WASTE, CERS TANKS, and CERS databases and is site 1 of 7 in cluster C. All three databases were described in Listing C13. The CERS HAZ WASTE database indicates Listing C13 is a hazardous waste generator. The CERS TANKS database indicates an aboveground petroleum storage tank is present at the listing. The CERS database indicates a chemical storage facility is at this listing.

Listing C14. Listing C14 is the DCH Toyota of Oxnard at 1631 Auto Center Drive, located 0.12 miles from the Site. Listing C14 was included in the AST database and is site 2 of 7 in cluster C. The AST database lists all aboveground storage tank petroleum storage tank locations. The AST database indicates an AST is present at the listing.

Listing C15. Listing C15 is the Toyota of Oxnard at 1631 Auto Center Drive, located 0.12 miles from the Site. Listing C15 was included in the AST database and is site 3 of 7 in cluster C. The AST database lists all aboveground storage tank petroleum storage tank locations. The AST database indicates an AST is present at the listing.

5.1.3 Properties Between 1/8 and 1/4 Mile from the Site

Thirty-five sites (Listings D16, D17, D18, D19, C20, C21, C22, C23, D24, E25, E26, E27, E28, E29, E30, E31, E32, E33, E34, E35, E36, E37, E38, E39, E40, F41, F42, F43, F44, G45, G46, G47, G48, G49, and G50) were identified by the EDR Report database search located 0.125 to 0.25 mile from the Site. Due to the database type, their distance from the Site, and regulatory status, these listings are not considered a REC for the Site. Refer to the EDR report in Appendix E for more information.

5.1.4 Properties Between 1/4 and 1/2 Mile from the Site

Nine sites (Listings 51, 52, 53, H54, H55, I56, I57, I58, and I59) were identified by the EDR Report database search located one quarter to one half mile from the Site. Due to the database type, their distance from the Site, and regulatory status, none of these sites are considered a REC for the Site. Refer to the EDR report in Appendix E for more information.

5.1.5 Properties between 1/2 Mile and 1 Mile from the Site

Four sites (Listings 60, 61, 62, and 26) were identified by the EDR Report database search located one half to one mile from the Site. Due to the database type, its distance from the Site, and regulatory status, these sites are not considered a REC for the Site. Refer to the EDR report in Appendix E for more information.

5.2 PREVIOUS INVESTIGATIONS

No previous investigations of the Site are known to have occurred.

5.3 ENVIRONMENTAL CLEANUP LIENS

Tetra Tech reviewed the EDR Environmental Lien and AUL Search report that is included in Appendix E. No environmental cleanup liens are known to have been filed against the Site under federal, state, or local laws.

5.4 RADON

Radon is a naturally occurring, odorless, colorless gas produced by certain geologic materials. It is known to be a human carcinogen and can pose a cancer risk greater than one in one million in humans at concentrations equal to or greater than 4 picoCuries per liter (pCi/L).

The EDR environmental database search indicated that Ventura County is in a Radon Zone 1 area. Zone 1 areas have a predicted average indoor screening level greater than 4 pCi/L. The EDR database search reported that of 18 sites listed in the California Radon database that have been tested for the zip code of 93036, one had a radon level greater than 4 pCi/L. The Federal Area Radon Information database reported 135 sites tested for radon in the 93036-zip code. The average concentration of tested sites was 1.185 pCi/L in first floor living areas with 96% <4 pCi/L. The second floor living area average concentration was reported at 0.800 pCi/L with 100% of the tests at <4 pCi/L (EDR 2021).

The EDR report gives a passing result for the Site with no further action required. These findings suggest that there are no health concerns related to radon at the Site.

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6.0 USER-PROVIDED INFORMATION

Mr. Wael Saleh, Assistant Superintendent Business Services for RSD, completed the User Questionnaire for Phase I ESAs (Appendix H) as required by ASTM Standard E1527-05. The findings of the User Questionnaire for Phase I ESAs for the Site are summarized below.

6.1 ENVIRONMENTAL CLEANUP LIENS

For Item 1 of the User Questionnaire, Mr. Saleh indicated that he is not aware of any environmental cleanup liens against the Site.

6.2 ACTIVITY AND USE LIMITATIONS

For Item 2 of the User Questionnaire, Activity and Use Limitations (AULs), Mr. Saleh indicated that he is not aware of and AULs or use limitations for the Site.

6.3 SPECIALIZED KNOWLEDGE

For Item 3 of the User Questionnaire, Specialized Knowledge, Mr. Saleh indicated they have no specialized knowledge of any environmental issues that might affect the Site.

6.4 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

For Item 4 of the User Questionnaire, Fair Market Value, Mr. Saleh indicated that the property purchase price was not significantly below fair market value.

6.5 OBVIOUS INDICATORS

For Item 5 of the User Questionnaire, Obvious Indicators, Mr. Saleh indicated that they did not know of any obvious indicators of possible contamination on or near the Site.

6.6 COMMON KNOWLEDGE

For Item 6 of the User Questionnaire, Common Knowledge, Mr. Saleh responded as indicated in the underlined text below:

- Describe paste uses of the property: Agricultural Land Use.
- Describe specific chemicals that may have been present at the property (the Site): I have no knowledge of chemicals that may have been used at the property.
- Describe any other information that may help us in identifying possible contamination at the property (the Site): I have no knowledge of possible contamination at the property.

6.7 OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

The current owner of the Site is KMS Industries, Inc. The Site is leased by Reiter Affiliated Companies for berry production.

6.8 REASONS FOR PHASE I ESA PERFORMANCE

It is Tetra Tech's understanding that this Phase I ESA is being requested in conjunction with the purchase of the Site by RSD.

7.0 FINDINGS

7.1 GENERAL SITE CONDITIONS

At the time of the April 20, 2021 Site reconnaissance, the Site comprised an approximate 11.1-acre area of the 21.98-acre parcel owned by KMS Industries, Inc (Figure 3). The Site was leased by Reiter Affiliated Companies for organic raspberry production. The Site contained (approximately) a 0.3-acre Residence, 0.25-acre Tenant Storage Yard, a 0.45-acre Junk Vehicle Storage Area, a 1.1-acre Farm Equipment Storage and Parking Area, and a 0.3-acre Farm Yard. The remaining 8.7 acres of the Site was occupied by areas of organic raspberry production with access roads. The Residence area contained an unmaintained swimming pool, yard, parking area and garage, and tool shed. The Junk Vehicle Storage Area contained approximately 30 junk vehicles. A trailer, motor home, two storage containers, utility truck, and vehicles were located in the Tenant Storage Area. The Farm Equipment Storage and Vehicle Parking Area contained agricultural equipment including fertilizer tanks, a storage container, shade structure parts, tarps, wood, and motorized equipment. The storage container contained various equipment including an air compressor, hoe shovel, pallet jack, hoses, and plastic trash containers, twenty-one 50 pound bags of "Ultra Fines" (a gypsum based agricultural product), a pallet of bags of citric acid anhydrous (an agricultural product), a folding table and chairs, two wooden pallets. Three cylindrical steel ASTs containing diesel fuel, red diesel fuel, and gasoline were observed in the Farm Equipment Storage and Vehicle Parking Area in the northeastern corner of the Site. The two diesel ASTs are approximately 300s gallon capacity and the gasoline AST is approximately 500s gallon capacity. The ASTs are within individual steel containment bins.

The portion of the Site maintained by Reiter Affiliated Companies (8.7-acre organic raspberry farm, 1.1-acre Farm Equipment Storage and Vehicle Parking Area, a 0.3-acre Farm Yard) appeared to be well-maintained. The organic raspberry farm is watered and maintained daily. The grounds were clean and well-kept. Some small areas of fuel surface soil staining were observed adjacent to the west side of the three fuel ASTs in the Farm Equipment Storage and Parking Area.

The Residence area was generally well maintained. Minor housekeeping issues observed in the Residence area included fertilizers, paint, and cleaning products found throughout the home and storage area, the lack of maintenance for the pool, and the haphazardly stored items (old paint, fertilizer product, equipment, etc.) in the wood shed. Due to the age of the residential structures, there is a potential that ACBMs and LBP are present in the building materials and LBP chips may be present in the surface soil surrounding the residential structures. The residence is connected to a septic system and potable water is provided by the onsite groundwater production well (well 26G1). The location of the septic system appurtenances (leach field and septic tank) were not disclosed by the property owner to Tetra Tech.

No storage drums or USTs were observed at the Site. Dirt roads line the edges of the Site and separate rows of raspberries. Electricity is provided to the Site from SCE. The Site is not connected to natural gas. Water for crop irrigation at the Site is provided by one agricultural groundwater well owned by KMS Industries (Well 26F2). Solid waste disposal is performed by Harrison Industries. The Site is adjacent to an organic raspberry production farm on its southwestern side, Rio Del Valle Middle School on its northern side, residential buildings on its northeastern side, and commercial buildings on its southern side. Two pole-mounted electrical transformers are within the Site boundary, and one pole-mounted transformer exists on the Site's northeastern side along North Rose Avenue. Two high volume water transmission pipelines (one operated by the City of Oxnard and one operated by the UWCD) are located 30 and 40 feet northwest of the Site beneath North Rose Avenue. Another high volume water transmission pipeline runs along the Site's southern boundary, along Collins Street. The Site is not located in an oil field. The nearest oil field is the Santa Clara Avenue Field, located approximately 1 mile southeast of the Site. There are no known active or abandoned oil wells on Site. The "McGrath-McCormick 1", located approximately 500 feet

northeast of the Site, is the oil well closest to the Site. The "McGrath-McCormick 1" oil well is a dry (non-oil producing) well that was drilled and abandoned in 1959.

7.2 RECS

Based on the information discussed in this Phase I ESA and Tetra Tech's understanding of current regulatory guidelines and judgment, the following six RECs have been identified for the Site. These RECs might pose a risk to future Site occupants (students, teachers, and school district employees).

7.2.1 REC 1: Potential Former Agricultural Pesticide Application

Potential impacts to surface and near surface soil at the Site from former pesticide applications associated with former agricultural land use practices is a REC for the Site. Because the Site was used for agricultural production from at least 1927 to the present, there is a potential that OCPs and arsenic-based pesticides were formerly applied to crops at the Site. Therefore, there is a potential that the Site surface and near surface soil is impacted with OCPs and arsenic from former pesticide application.

7.2.2 REC 2: Potential Bunker Oil Releases from Potential Former Smudge Pot Frost Abatement

The review of historical aerial photographs of the Site area indicates that the Site contained orchards for citrus fruit production for most of the time between at least 1947 through 1978. Smudge pots fueled with bunker oil and similar petroleum products were commonly used for frost abatement in orchards throughout California during this time period. There is a potential that bunker oil and/or similar petroleum products were released from smudge pots formerly used at the Site to surface and near surface soil. These types of petroleum products can persist over time and if released, may still be present at the Site in surface and near surface soil. This presents a REC for the Site.

7.2.3 REC 3: Hydrocarbon and Potentially Toxic Metals Releases to Surface Soil From Junk Vehicles Formerly Stored at the Site

Stained surface soils were observed beneath and adjacent to the junk vehicles stored at the Site in the Junk Vehicle Storage Area. This presents a REC for the Site.

7.2.4 REC 4: Hydrocarbon Releases to Surface Soil From the Two Diesel Fuel and One Gasoline ASTs at the Site

Stained surface soils were observed adjacent to the west side of the two diesel fuel and one gasoline storage ASTs at the Site in the Farm Equipment Storage and Vehicle Parking Area. This presents a REC for the Site.

7.2.5 REC 5: PCB-Containing Transformers

Two electrical power poles with pole-mounted transformers exist at the Site and one pole-mounted transformer exists along the Site's northwestern boundary. Both are located near the central area of the Site, near the northern boundary. It is unknown exactly when these transformers were installed. Because the review of the historical aerial photographs indicate that pole-mounted transformers have been at this location since it at least 1959 when the first residential building was observed, there is a potential that transformers containing PCBS maybe have been formerly used at this location. Consequently, there is a

risk dielectric fluids containing PCBs may have been released to the surface and near surface soils beneath the transformers. This presents a REC for the Site.

7.2.6 REC 6: Hazardous Pipelines

CCR Title 5, Section 14010(h) requires that new school sites shall not be located or within 1,500 feet of the easement of an aboveground or underground pipeline that can pose a safety hazard as determined by a risk analysis study, conducted by a competent professional. Hazardous pipelines are defined as:

- Pipelines carrying chemical products, natural gas, and other hydrocarbon products that are operating at a pressure of 80 psi or higher; and

- High-volume water lines, which are defined as water lines 12 inches or greater in diameter and include open aqueducts of comparable and greater volume handling capacity.

Three hazardous pipelines as defined by CCR Title 5, Section 14010(h) were identified within 1,500 feet of the Site:

- The City of Oxnard maintains a 16-inch diameter steel water pipeline routed north-south beneath North Rose Avenue approximately 30 feet northwest of the Site (Figure 2) (Appendix D); and

- The UWCD maintains a 42-inch cement-mortar lined steel water pipeline beneath North Rose Avenue approximately 40 feet northwest of the Site (Figure 2) (Appendix D).

- The City of Oxnard maintains a 12-inch diameter PVC water pipeline beneath Collins Street approximately 10 feet south of the Site (Figure 2) (Appendix D).

These three pipelines present a REC for the Site.

7.3 *DE MINIMIS* CONDITIONS

Based on the information discussed in this Phase I ESA and Tetra Tech's understanding of current regulatory guidelines and judgment, the following four *de minimis* conditions have been identified for the Site.

- Due to the age of the residential structures, there is a potential that ACBMs are present in the building materials in the Residence area structures.

- Due to the age of the residential structures, there is a potential that LBP in the building materials in the Residence area structures and LBP chips may be present in the surface soil surrounding the Residence area structures.

- The residence is connected to a septic system. The location of the septic system appurtenances (leach field and septic tank) were not disclosed by the property owner to Tetra Tech.

- The minor housekeeping issues observed in the Residence area included fertilizers, paint, and cleaning products found throughout the home and storage area, and the haphazardly stored items (old paint, fertilizer product, equipment, etc.) in the wood shed.

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8.0 RECOMMENDATIONS

In the professional opinion of Tetra Tech, an appropriate level of inquiry has been made into the previous ownership and uses of the Site consistent with good commercial and customary practice with the intent to minimize environmental liability.

8.1 RECS

Based on the information cited in this assessment and Tetra Tech's understanding of current regulatory guidelines and judgment, it is Tetra Tech's recommendation that a Phase II ESA be performed to evaluate RECs 1 through 5 as described in Section 7.0 as part of the pre-acquisition due diligence process. Because the eastern 5.4 acres of the Site will become part of Rio Del Valle Middle School in the future, the Phase II ESA field work sampling program should be planned and performed in accordance with DTSC guidelines for completing a Preliminary Environmental Assessment (PEA) including the *Preliminary Endangerment Guidance Manual* (DTSC January 1994, Revised October 2015) (PEA Guidance Manual) and the *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (DTSC 2008) (Agricultural Fields Guidance). Based on Tetra Tech's experience performing similar prescreening assessments for other K-12 school sites, performing the Phase II ESA field work sampling program in accordance with DTSC guidelines for completing a PEA will facilitate using the Phase II ESA results in a PEA if one is deemed necessary by DTSC in the future. Tetra Tech will prepare a draft version of Phase II ESA report for review by the RSD and Sage. The Phase II ESA report will document the findings and conclusions with recommendations for additional assessment or remedial actions, if necessary. A final Phase II ESA report will be prepared and submitted to the RSD and Sage following review and approval of the draft Phase II ESA report by RSD and Sage.

To evaluate the potential risks posed by REC 6, a hazardous pipeline assessment should be conducted in accordance with the *Guidance Protocol for School Site Pipeline Risk Analysis* (California Department of Education [CDE] 2007). The evaluation of potentially hazardous pipelines within 1,500 feet of the Site is not required under ASTM Standard Practice E1527-13 (ASTM 2013) but will be required by CDE under CCR Title 5, Section 14010(h) if the Site is developed as a K-12 school. Tetra Tech recommends that the RSD wait until the Site is developed as a K-12 school to complete the hazardous pipeline assessment.

8.2 *DE MINIMUS* CONDITIONS

Based on the information cited in this assessment and Tetra Tech's understanding of current regulatory guidelines and judgment, it is Tetra Tech's recommendation that following actions be taken to address the four *de minimus* conditions noted at the Site:

- The Site residence structures (the house and attached garage) should surveyed for ACBMs and LBP prior to being renovated for District offices. Renovations to the Site residence structures to remedy potentially hazardous conditions posed by ACBMs and LBP in the Site residence structures may be recommended depending on the results of the ACBM and LBP surveys.

- Prior to being renovated for District offices, the surface soil around the Site residence structures (the house and attached garage) should be assessed for potential lead from LBP chips in the soils. Surface soil samples should be collected and analyzed for total lead from the surface soils surrounding the Site residential structures. A housekeeping surface soil removal action may be recommended depending on the results of the surface soil assessment.

- The Site residence will be connected to the City of Oxnard sewer main on Collins Street in the future and the Site residence septic system will no longer be needed. The location of the Site residence septic system appurtenances should be identified. The Site residence septic system should be properly decommissioned under the regulatory oversight of in accordance with the requirements of the Ventura County Environmental Health Division.

- A survey should be performed of the materials stored in the residence, garage, and wood shed include the fertilizers, paint, and cleaning products found throughout the residence and garage, and the haphazardly stored items (old paint, fertilizer product, equipment, etc.) in the wood shed. Following completion of the survey, these materials should be properly removed and disposed of offsite. The wooden storage shed is in bad condition and should be demolished and removed from the Site.

9.0 DISCLAIMER

This report was compiled based partially on information supplied to Tetra Tech from outside sources and other information that is in the public domain. The conclusions and recommendations herein are based solely on the information Tetra Tech obtained in compiling the report. Documentation for the statements made in the report is on file at Tetra Tech's office in Santa Barbara, California. Tetra Tech makes no warranty as to the accuracy of statements made by others which may be contained in the report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report, except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Since the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards that could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of client's obligation under federal, state, or local laws or any modifications or changes to such laws.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR Part 312. We have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the AAI in conformance with the standards and practices set forth in 40 CFR Part 312.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

Respectfully submitted,

TETRA TECH



James R. Steele
Project Manager

California Professional Geologist 5963
California Certified Engineering Geologist EG 1906
California Certified Hydrogeologist HG 247
Expiration date: May 31, 2023

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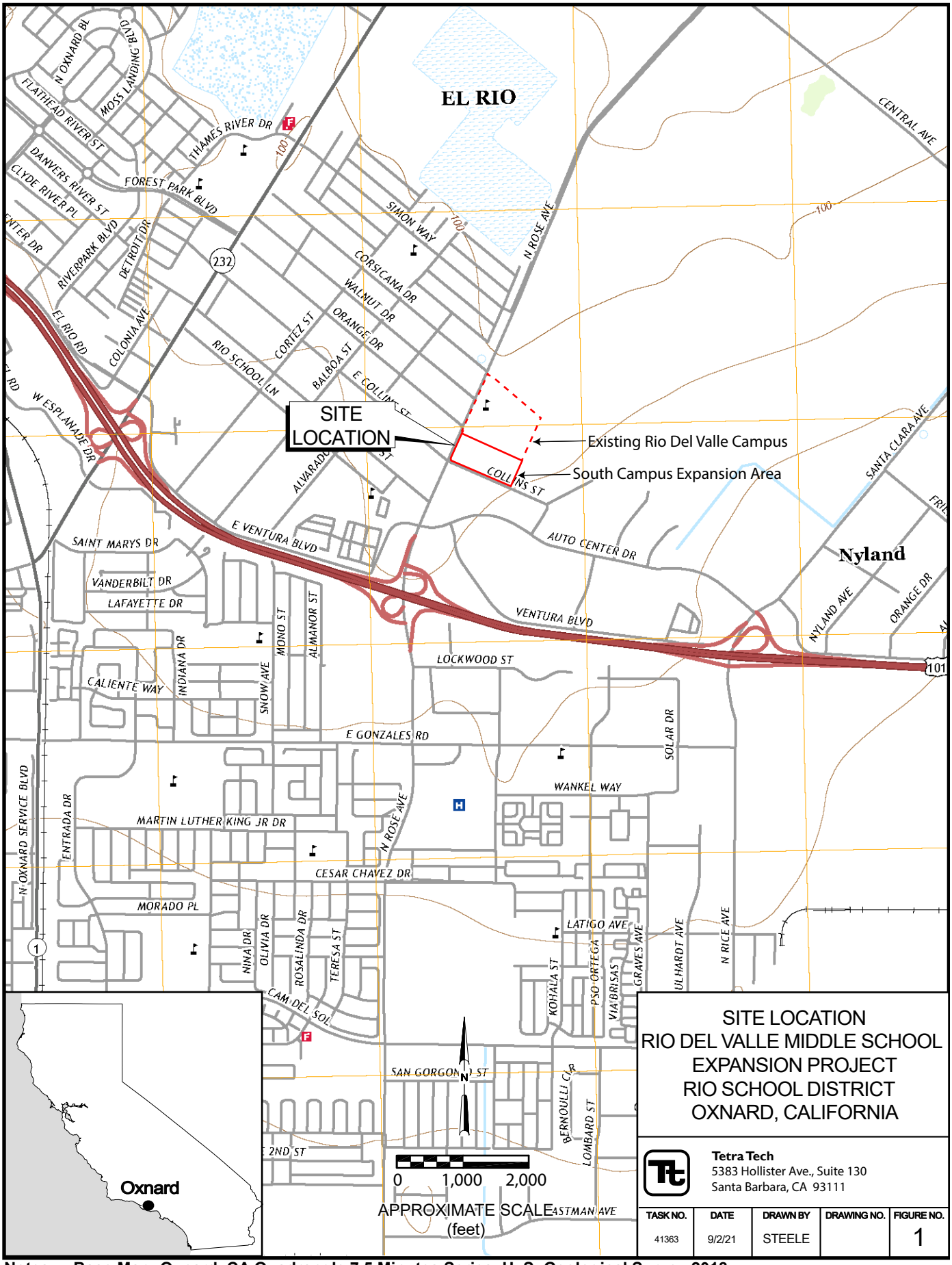
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FIGURES

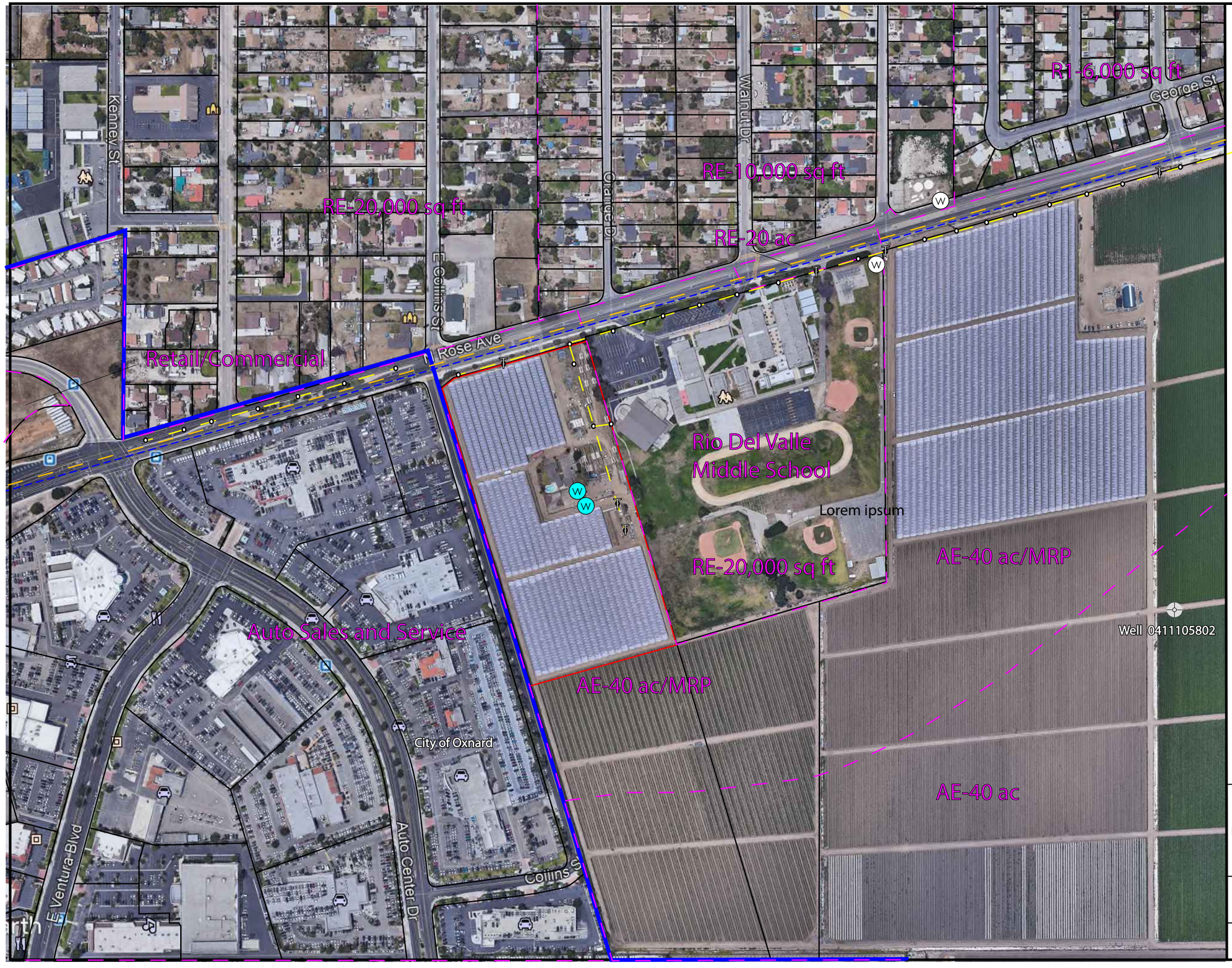


SITE LOCATION
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	DRAWING NO.	FIGURE NO.
41363	9/2/21	STEELE		1

Notes: **Base Map: Oxnard, CA Quadrangle 7.5 Minutes Series, U. S. Geological Survey 2018**



LEGEND

- Site Boundary
- Assessor's Parcel Boundary
- Zoning Area Boundary
- City of Oxnard Boundary
- Pole-Mounted Electrical Power Lines
- Pole-Mounted Electrical Transformer
- 16-inch OD Steel Water Pipeline (City of Oxnard)
- 42-inch OD Steel Water Pipeline (United Water Conservation District)
- KMS Industries, Inc. Water Well
- Water Well
- Plugged-Abandoned Oil Well

Zoning Classifications

AE	Agricultural Exclusive
MRP	Mineral Resosurce Protection
RE	Rural Exclusive
R1	Single Family Residential
OS	Open Space
ac	Acres
sq ft	Square Feet

0 150 300

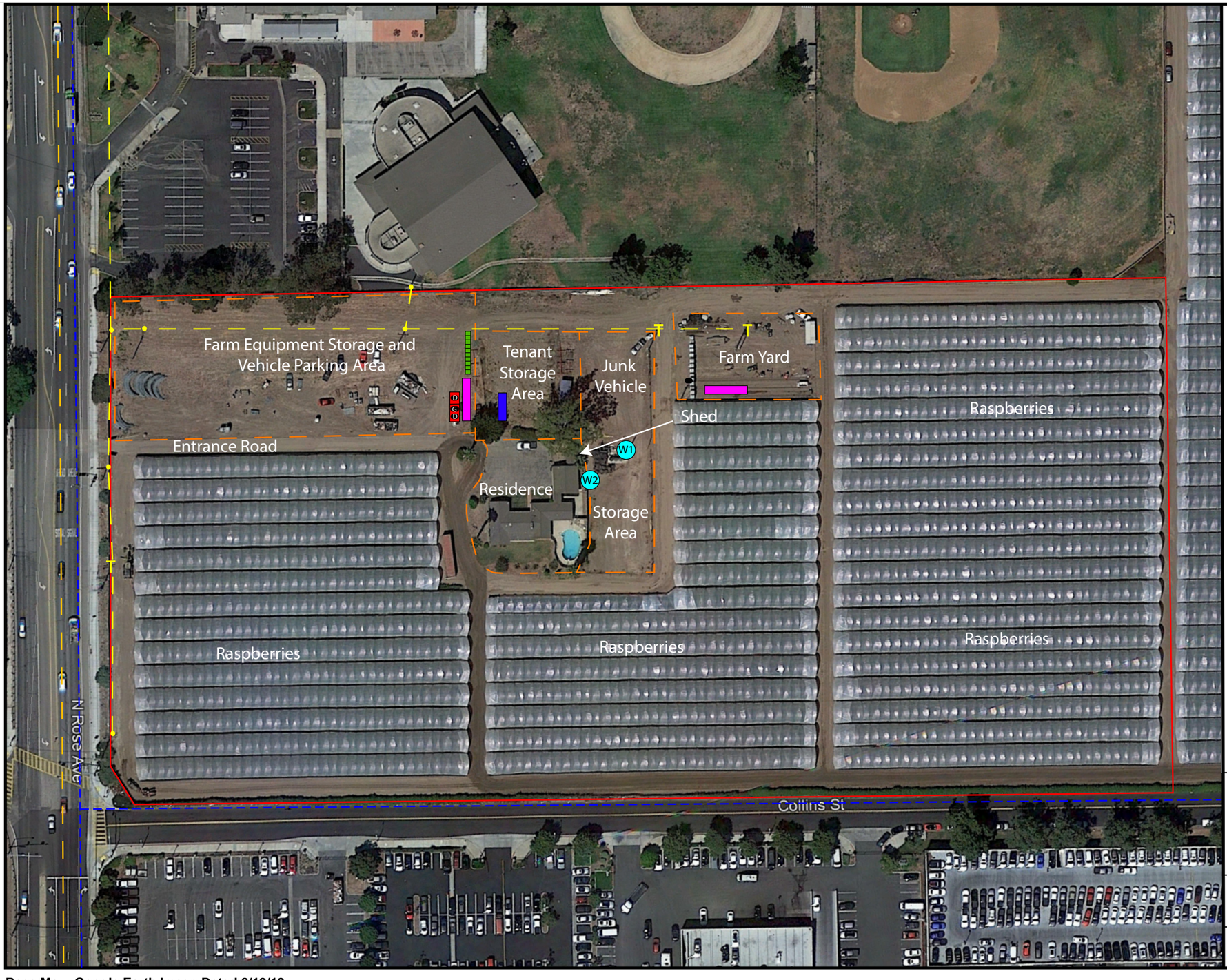
APPROXIMATE SCALE (feet)

SITE AREA OVERVIEW
2600 NORTH ROSE AVENUE
PHASE I ENVIRONMENTAL SITE ASSESSMENT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41363	5/19/21	STEELE	2

Base Map: Google Earth Image Dated 5/17/19.



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- Pole-Mounted Electrical Transformer
- W1 — KMS Industries, Inc. Water Well 26F2
- W2 — KMS Industries, Inc. Water Well 26G1
- Reiter Brothers Storage Container
- Tenant Storage Container
- Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- 16-inch OD Steel Water Pipeline (City of Oxnard)
- 42-inch OD Steel Water Pipeline (United Water Conservation District)

0 50 100

APPROXIMATE SCALE (feet)

SITE PLAN
2600 NORTH ROSE AVENUE
PHASE I ENVIRONMENTAL SITE ASSESSMENT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/7/21	STEELE	3

Base Map: Google Earth Image Dated 8/19/19.

A HISTORICAL TOPOGRAPHIC MAPS

Rio Del Valle Middle School Expansion Phase I ESA

2600 North Rose Avenue

Oxnard, CA 93036

Inquiry Number: 6441237.4

April 08, 2021

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

04/08/21

Site Name:	Client Name:
Rio Del Valle Middle School Ex	Tetra Tech, Inc.
2600 North Rose Avenue	5383 Hollister Avenue, Suite 130
Oxnard, CA 93036	Santa Barbara, CA 93111
EDR Inquiry # 6441237.4	Contact: Jim Steele

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:		*Coordinates:*	
P.O.#	41363	**Latitude:**	34.230764 34° 13' 51" North
Project:	Rio Del Valle Middle School	**Longitude:**	-119.154406 -119° 9' 16" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	301567.58
		UTM Y Meters:	3789842.31
		Elevation:	92.00' above sea level

Maps Provided:

2012
1967
1951
1949
1947
1943
1904

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Saticoy
2012
7.5-minute, 24000



Oxnard
2012
7.5-minute, 24000

1967 Source Sheets



Oxnard
1967
7.5-minute, 24000
Aerial Photo Revised 1967



Saticoy
1967
7.5-minute, 24000
Aerial Photo Revised 1967

1951 Source Sheets



Saticoy
1951
7.5-minute, 24000
Aerial Photo Revised 1947



Oxnard
1951
7.5-minute, 24000
Aerial Photo Revised 1947

1949 Source Sheets



Oxnard
1949
7.5-minute, 24000
Aerial Photo Revised 1947

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



HUENEME
1947
15-minute, 50000

1943 Source Sheets



Hueneme
1943
15-minute, 62500
Aerial Photo Revised 1938

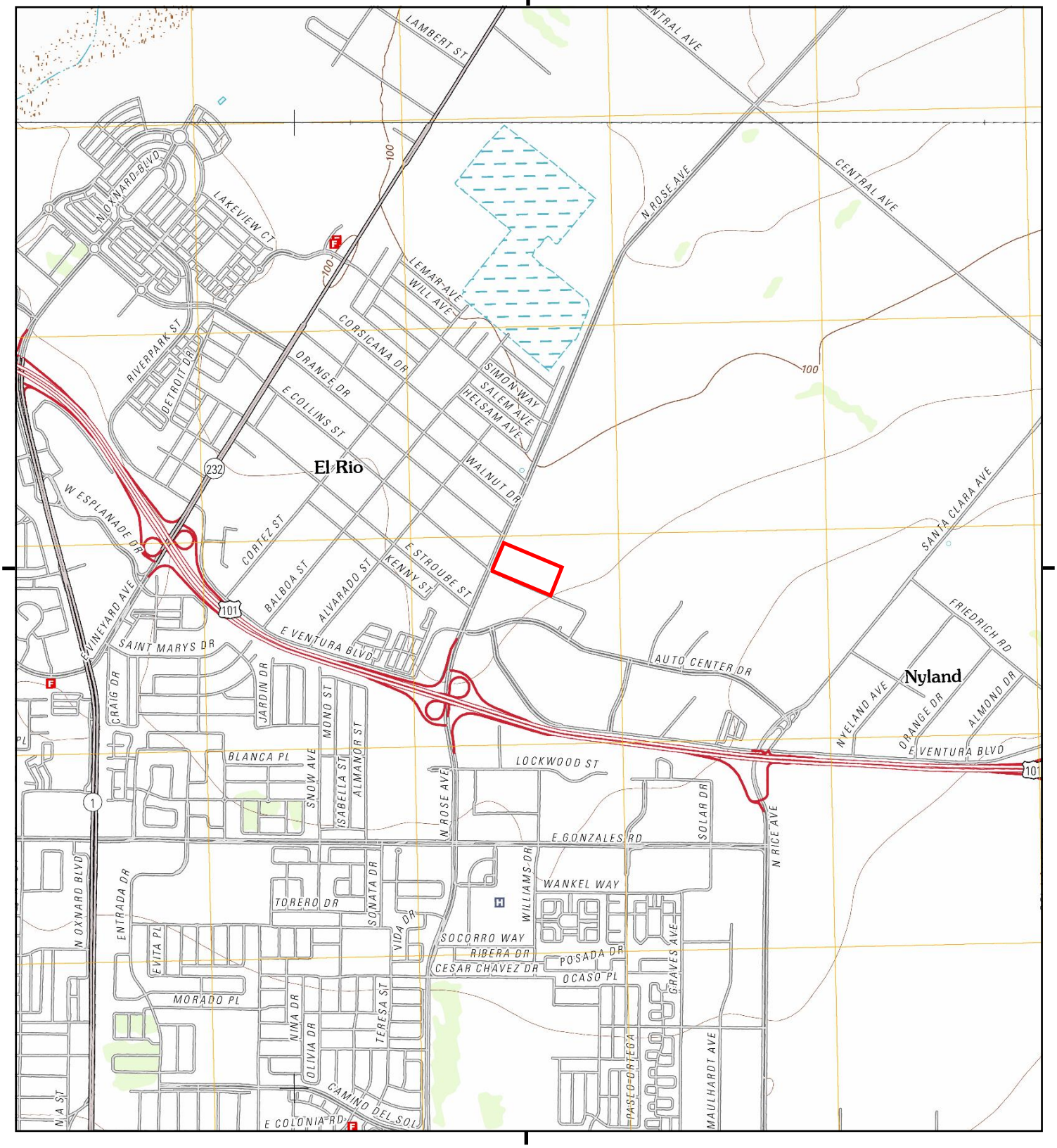
1904 Source Sheets



Hueneme
1904
15-minute, 62500

Historical Topo Map

2012



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W E
SW S SE

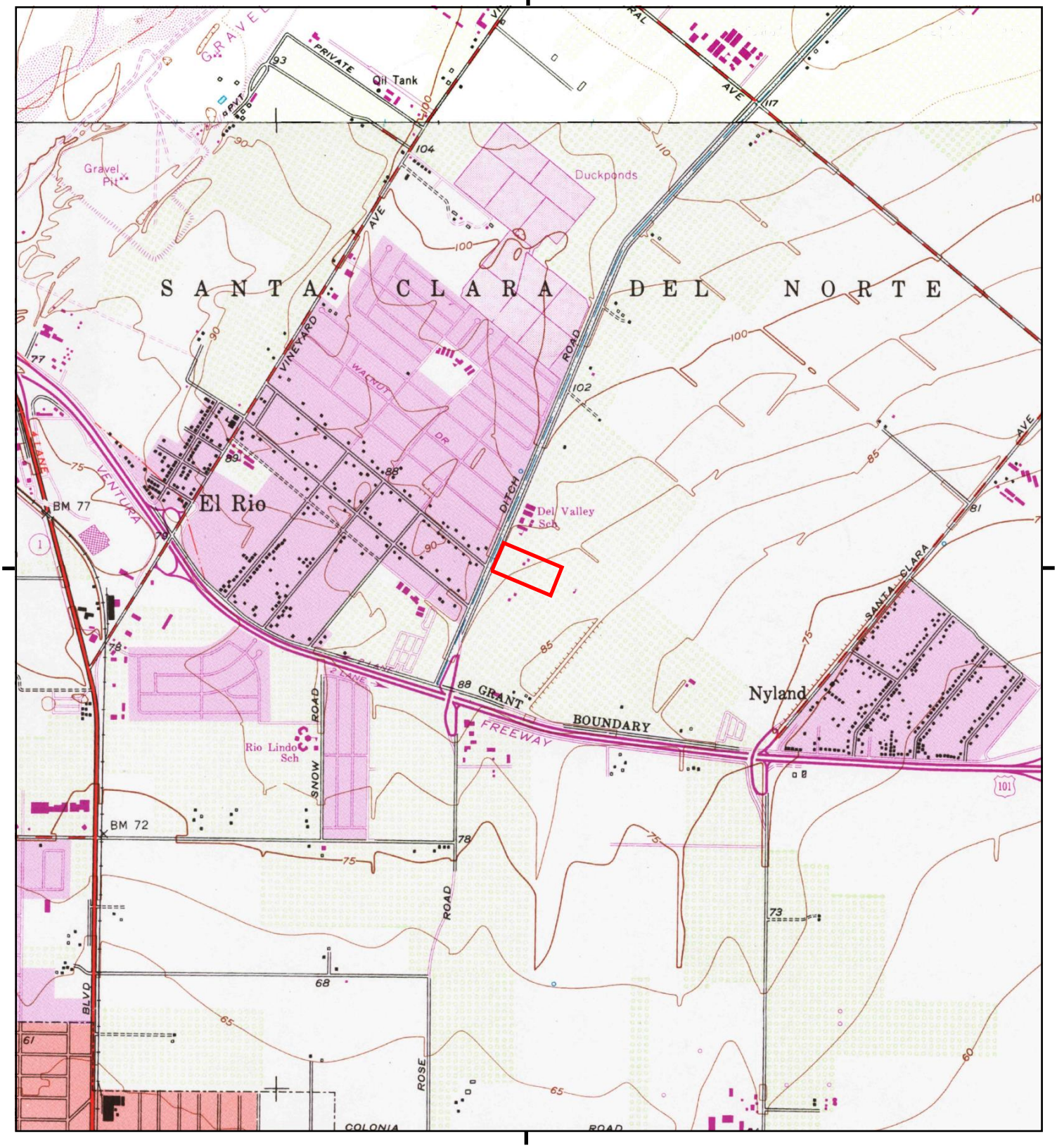
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N, Saticoy, 2012, 7.5-minute

SITE NAME: Rio Del Valle Middle School Expansion P
ADDRESS: 2600 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N

Historical Topo Map

1967



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SW S SE

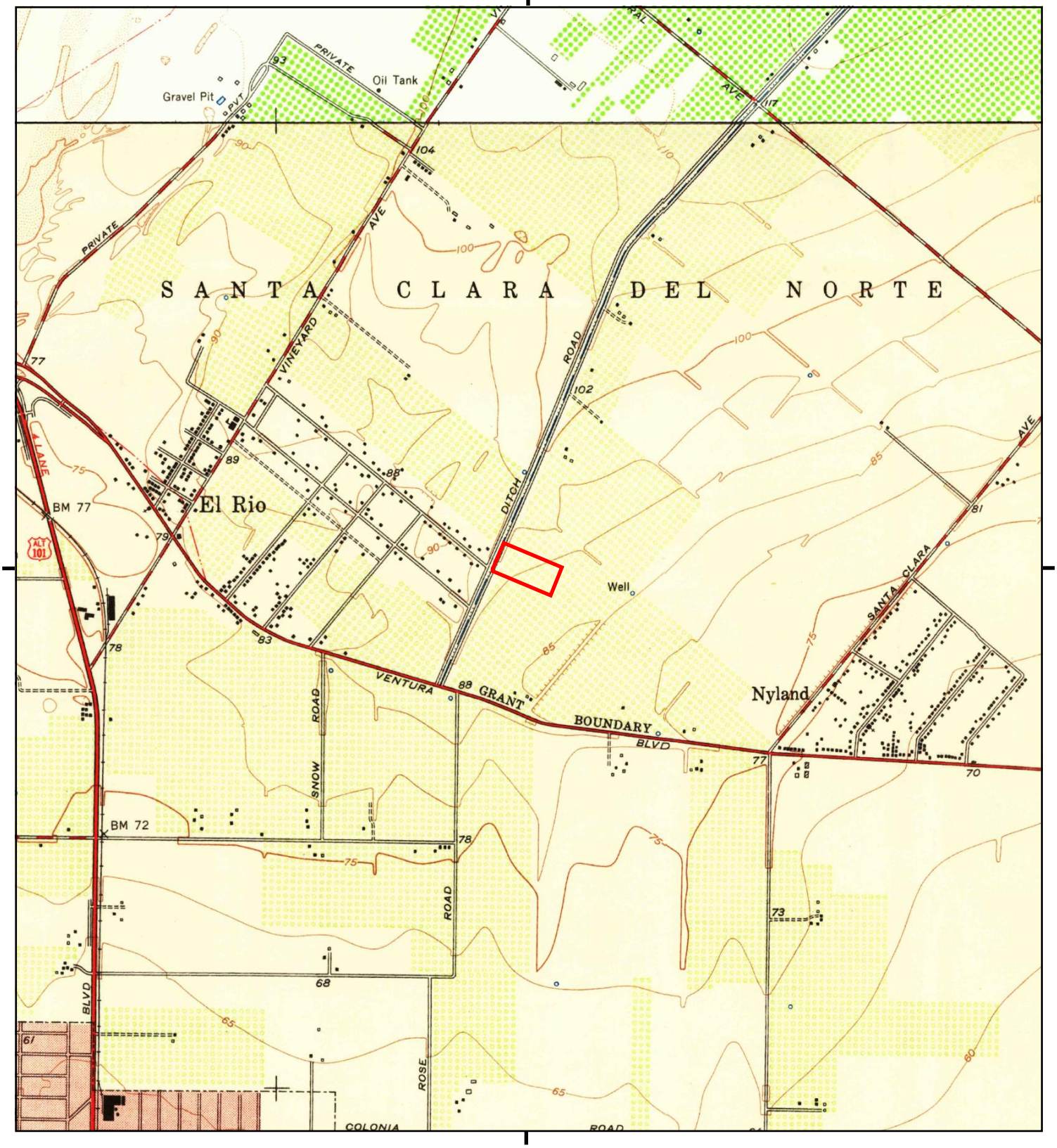
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SITE NAME: Rio Del Valle Middle School Expansion P
ADDRESS: 2600 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N

Historical Topo Map

1951



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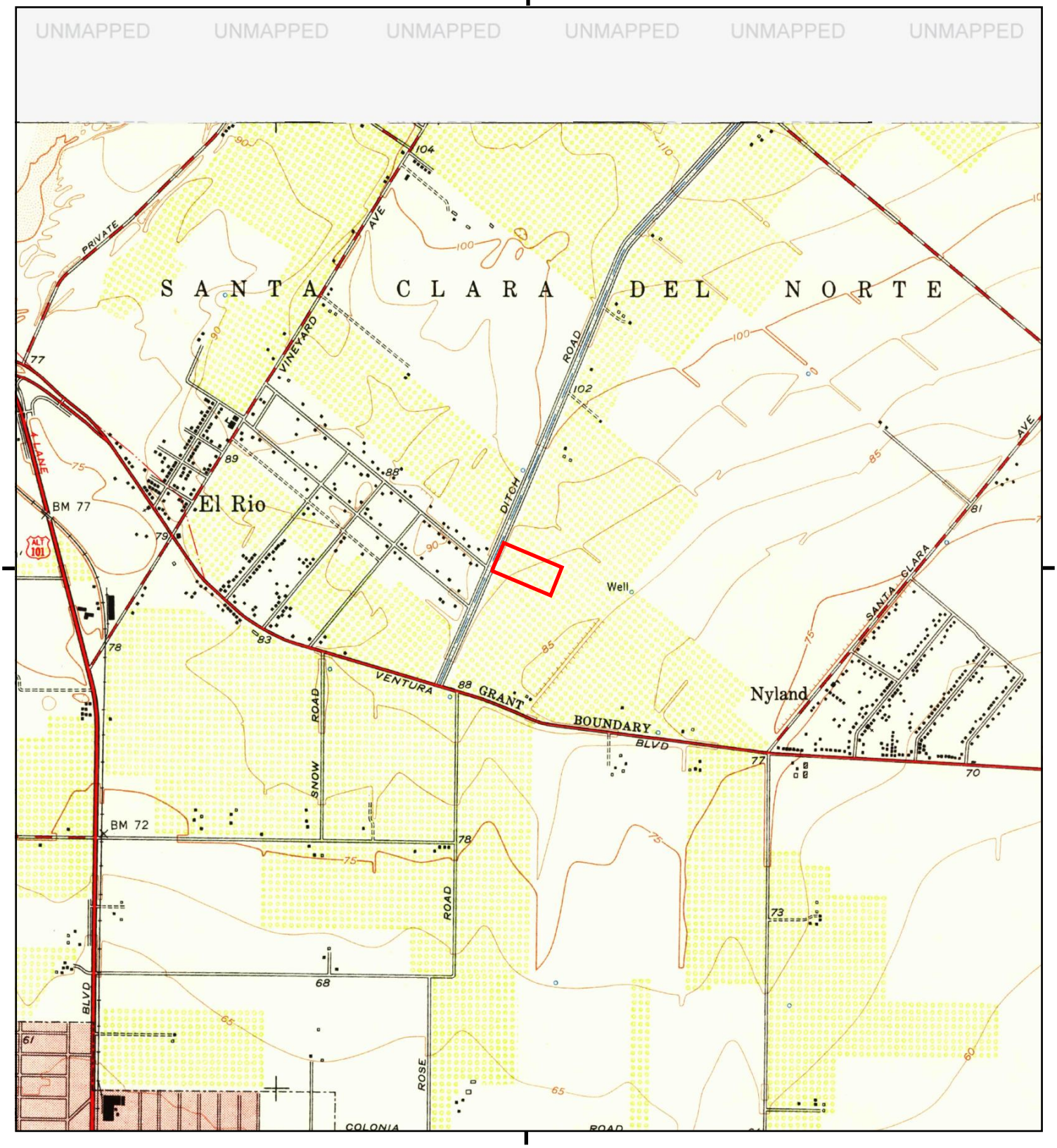
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NW N NE
W E
SW S SE

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SITE NAME: Rio Del Valle Middle School Expansion P
ADDRESS: 2600 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N



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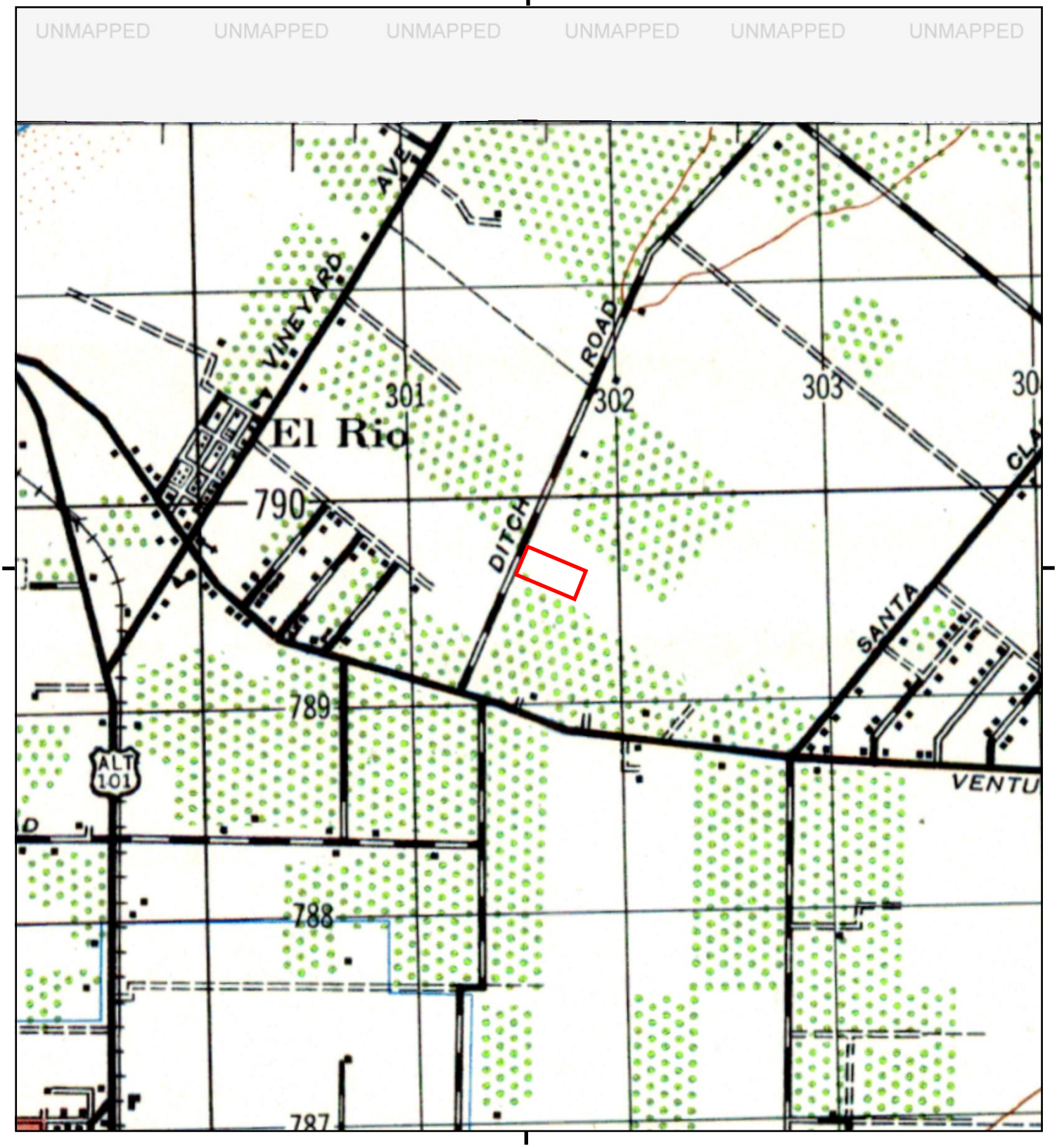
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W E
SW S SE

TP, Oxnard, 1949, 7.5-minute

SITE NAME: Rio Del Valle Middle School Expansion P
ADDRESS: 2600 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N



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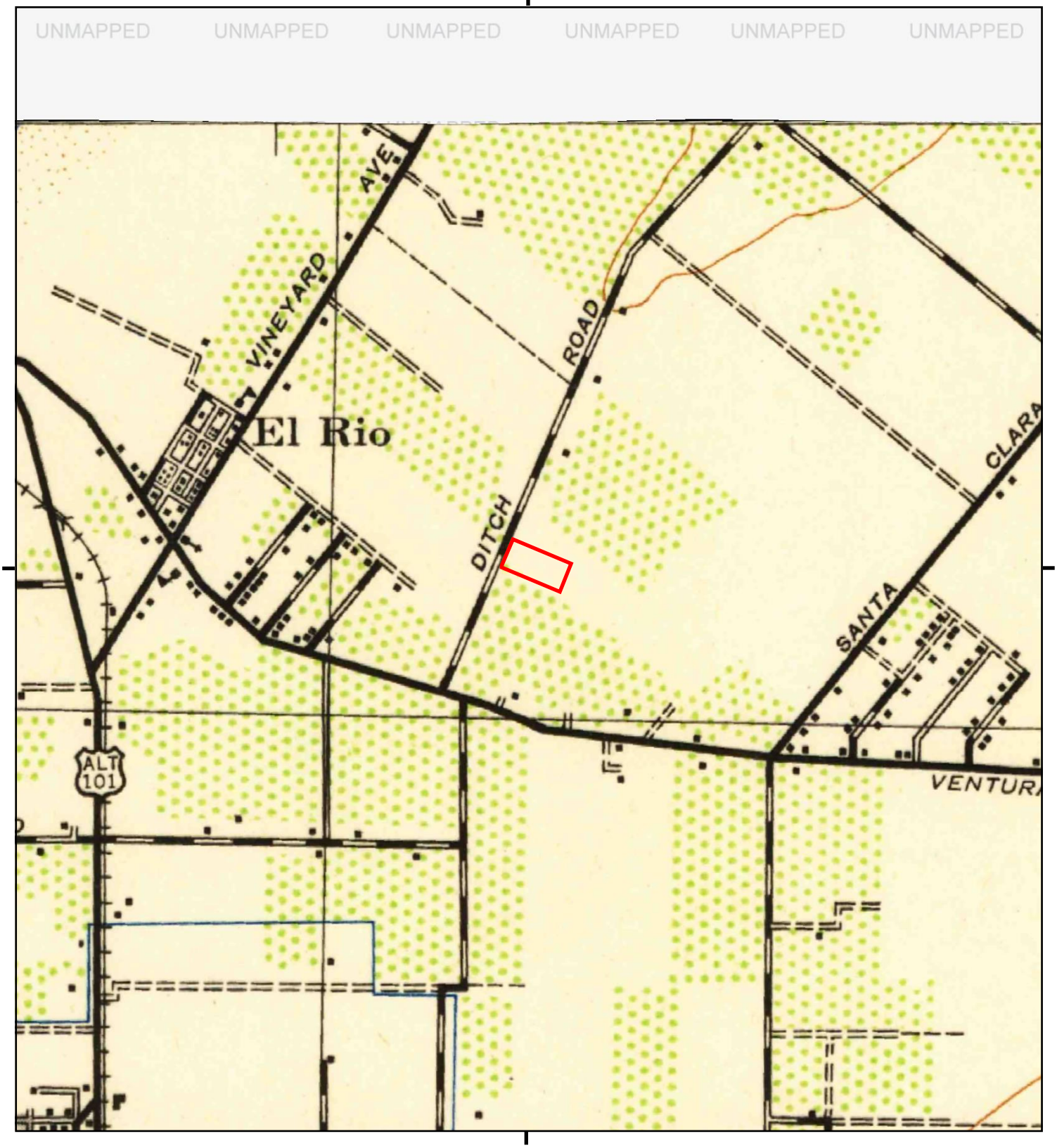
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NW N NE
W E
SW S SE

TP, HUENEME, 1947, 15-minute

SITE NAME: Rio Del Valle Middle School Expansion P
ADDRESS: 2600 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

TP, Hueneme, 1943, 15-minute

SITE NAME: Rio Del Valle Middle School Expansion P
ADDRESS: 2600 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N



This report includes information from the following map sheet(s).

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W E
SW S SE

TP, Hueneme, 1904, 15-minute

SITE NAME: Rio Del Valle Middle School Expansion P
ADDRESS: 2600 North Rose Avenue
Oxnard, CA 93036
CLIENT: Tetra Tech, Inc.

N

B HISTORICAL AERIAL PHOTOGRAPHS

Rio Del Valle Middle School Expansion Phase I ESA

2600 North Rose Avenue

Oxnard, CA 93036

Inquiry Number: 6441237.11

April 08, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

04/08/21

Site Name:

Rio Del Valle Middle School Ex
2600 North Rose Avenue
Oxnard, CA 93036
EDR Inquiry # 6441237.11

Client Name:

Tetra Tech, Inc.
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Contact: Jim Steele

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: September 03, 1994	USGS/DOQQ
1985	1"=500'	Flight Date: August 06, 1985	USDA
1978	1"=500'	Flight Date: September 21, 1978	USDA
1967	1"=500'	Flight Date: August 13, 1967	USGS
1959	1"=500'	Flight Date: October 04, 1959	USDA
1953	1"=500'	Flight Date: January 03, 1953	USGS
1947	1"=500'	Flight Date: August 15, 1947	USGS
1938	1"=500'	Flight Date: May 09, 1938	USDA
1927	1"=500'	Flight Date: January 01, 1927	FAIR

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INQUIRY #: 6441237.11

YEAR: 2016

= 500'

N

EDR


INQUIRY #: 6441237.11
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 6441237.11
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 6441237.11
YEAR: 2005
= 500'
N
EDR



INQUIRY #: 6441237.11

YEAR: 1994

= 500'

N

EDR


INQUIRY #: 6441237.11
YEAR: 1985
= 500'
N
EDR



INQUIRY #: 6441237.11

YEAR: 1978

= 500'

N

EDR


INQUIRY #: 6441237.11
YEAR: 1967
= 500'
N
EDR



INQUIRY #: 6441237.11

YEAR: 1959

= 500'

N

EDR



INQUIRY #: 6441237.11

YEAR: 1953

= 500'

N

EDR



INQUIRY #: 6441237.11

YEAR: 1947

= 500'

N

EDR



INQUIRY #: 6441237.11

YEAR: 1938

= 500'

N

EDR



INQUIRY #: 6441237.11

YEAR: 1927

= 500'

N

EDR

C SITE RECONNAISSANCE PHOTOGRAPHS

Appendix C
Site Reconnaissance Photographs
Phase I Environmental Site Assessment
Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue
Oxnard, CA 93036

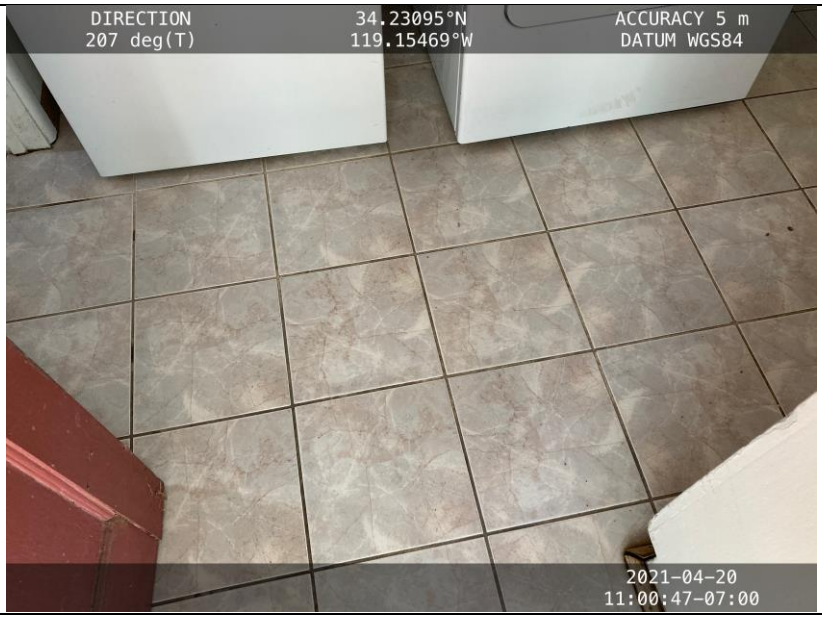
Photograph 1 **Description:** View of the residence located in the central area of the Site.	
Photograph 2 **Description:** View of the small storage shed next to the residence.	

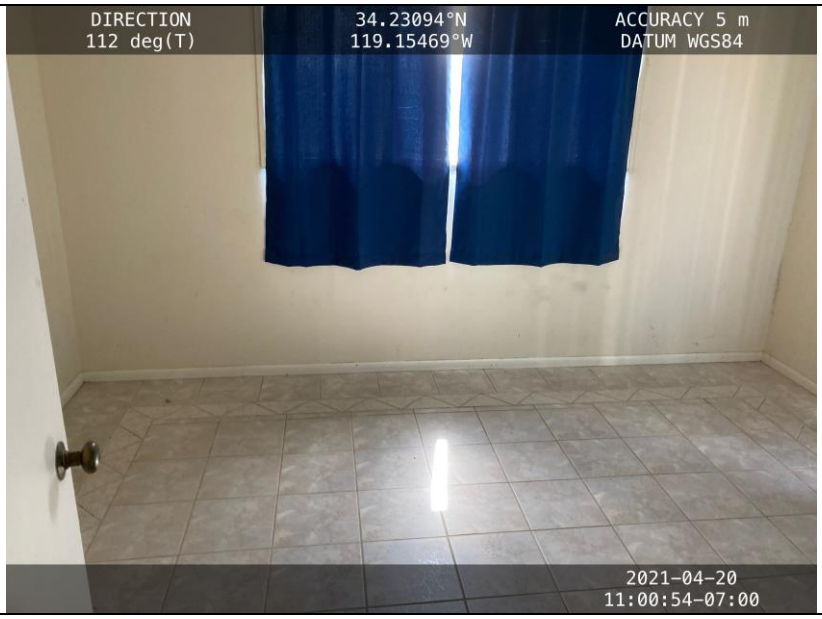
Appendix C
Site Reconnaissance Photographs
Phase I Environmental Site Assessment
Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue
Oxnard, CA 93036

Photograph 3 **Description:** Inside view of the storage shed. Old paint, chemical containers, miscellaneous tools and equipment are abandoned in the shed.	

Photograph 4 **Description:** Another inside view of the storage shed. Old paint, chemical containers, miscellaneous tools and equipment are abandoned in the shed.	

Appendix C
Site Reconnaissance Photographs
Phase I Environmental Site Assessment
Rio Del Valle Middle School Expansion Project
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Oxnard, CA 93036

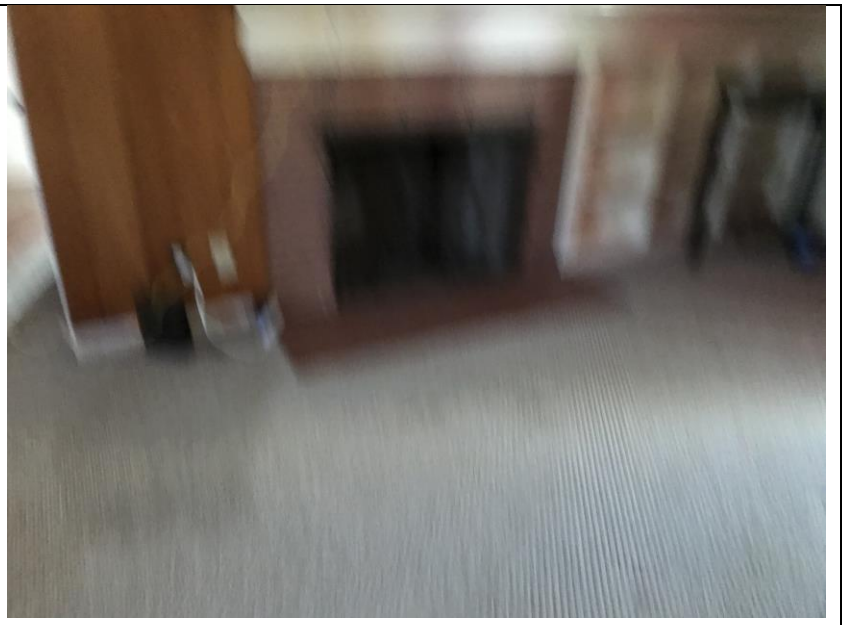
Photograph 5 **Description:** Ceramic floor tiles in laundary room of the residence.	

Photograph 6 **Description:** Ceramic floor tiles were observed kitchen dining area of the residence.	

Appendix C
Site Reconnaissance Photographs
Phase I Environmental Site Assessment
Rio Del Valle Middle School Expansion Project
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Oxnard, CA 93036

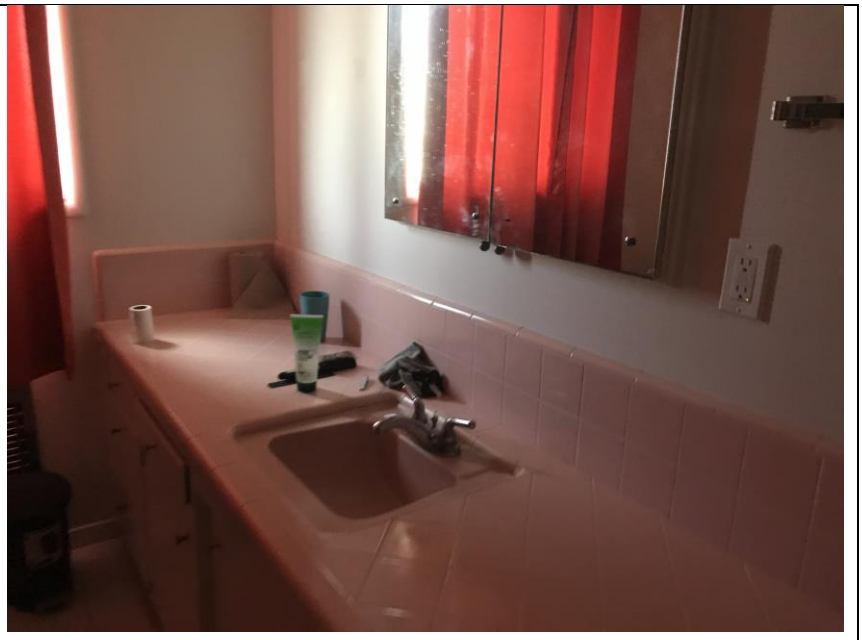
Photograph 7 **Description:** The residential home has an older style kitchen with an electric stove. Some burn marks were visible on the wall behind the stove.	

Photograph 8 **Description:** Wood beams cover the ceiling in the main room area of the residence.	

Photograph 9 **Description:** A fireplace in the residence.	

Photograph 10 **Description:** Other rooms in the building have plaster ceilings instead of wood.	

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Photograph 11 **Description:** Ceramic tile in one of the two bathrooms.	

Photograph 12 **Description:** Some house hold cleaners in the kitchen cabinet.	

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Photograph 13 **Description:** Oxidizer was found in one of the laundry cabinets.	

Photograph 14 **Description:** A view of the residence water heater cabinet.	

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Photograph 15 **Description:** The heater for the residence central heating system.		

Photograph 16 **Description:** A box of fertilizer containers on the front step of the residence.		

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Photograph 17 **Description**: The residence garage showing a few buckets of paint and various chemical cleaners stored inside.	
Photograph 18 **Description:** The pool in the residence's backyard is poorly maintained.	

Appendix C
Site Reconnaissance Photographs
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Photograph 19 **Description:** A view of the back of the residence (looking north east).	
Photograph 20 **Description:** A view of the private domestic well 26F2 used for agricultural irrigation.	

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Site Reconnaissance Photographs
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Photograph 21 **Description:** A view of the private domestic well 26G1 used for potable water.	
Photograph 22 **Description:** Raspberry row crop production directly south of the residential area.	

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Site Reconnaissance Photographs
Phase I Environmental Site Assessment
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2600 North Rose Avenue
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Photo: 23 **Description:** View of the southern section of the Junk Vehicle Storage Area on the eastern side of the residence.	

Photo: 24 **Description:** A car in the Junk Vehicle Storage Area full of metal scraps.	

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Site Reconnaissance Photographs
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Photo: 25 **Description:** More metal scraps in the Junk Vehicle Storage Area.	
Photo: 26 **Description:** Another view of the eastern edge of the Junk Vehicle Storage Area.	

Photo: 27 **Description:** A large truck in the Junk Vehicle Storage Area.	

Photo: 28 **Description:** A boat and more cars in the Tennant Storage Area adjacent to the Residence Area.	

Photo: 29 **Description:** A trailer camper in the Tennant Storage Area.	

Photo: 30 **Description:** Piles of wood observed in the Junk Vehicle Storage Area.	

Photo: 31 **Description:** A few spots of oil observed within the Junk Vehicle Storage Area.	

Photo: 32 **Description:** A few more spots of oil observed near the Junk Vehicle Storage Area.	

Appendix C
Site Reconnaissance Photographs
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Photo: 33 **Description:** Miscellaneous items bordering the Tennant Storage Area.	
Photo: 34 **Description:** View of the Site's northern boundary, bordering Rio Del Valle Junior High School.	

Photo: 35 **Description:** Another view of the Site's northern boundary next to Rio Del Valle Junior High School.	

Photo: 36 **Description:** Metal shade support frame parts stored in the Farm Equipment Storge and Vehicle Parking Area of the Site.	

Photo: 37 **Description:** More miscellaneous pieces of equipment in the north corner of the Farm Equipment Storge and Vehicle Parking Area of the Site.	

Photo: 38 **Description:** Black tarps and wood stored in the north corner of the Farm Equipment Storge and Vehicle Parking Area of the Site.	

Photo: 39 **Description:** Tarps stored in the north corner of the Farm Equipment Storge and Vehicle Parking Area of the Site.	

Photo: 40 **Description:** A view of the 1,000 liter (264 gallon) organic liquid fertilizer storage containers (totes) stored in the Farm Equipment Storge and Vehicle Parking Area of the Site.	

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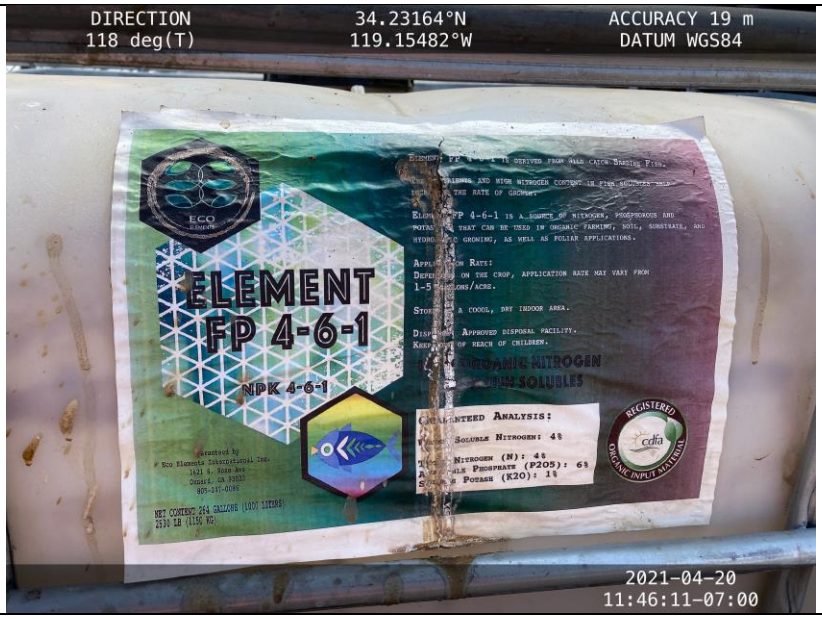
Photo: 41 **Description:** Close up view of a 1,000 liter tote.	

Photo: 42 **Description:** Some water spillage at the base of the organic liquid fertilizer totes.	

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Site Reconnaissance Photographs
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Photo: 43 **Description:** Large trash roll off bin in the north-eastern section of the Site.	

Photo: 44 **Description:** Large shipping container used by Reiter Affiliated Companies in the Farm Equipment Storge and Vehicle Parking Area of the Site.	

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Site Reconnaissance Photographs
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Photo: 45 **Description:** View of farming equipment stored inside the Reiter Affiliated Companies shipping container.	

Photo: 46 **Description:** Bags of gypsum stored inside the Reiter Affiliated Companies shipping container.	

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Photo: 47 **Description:** Three above ground storage tanks (ASTs) adjacent to the Reiter Affiliated Companies shipping container. The two white ASTs are 300 gallon capacity and store diesel (red and regular). The rust colored AST is a 500 gasoline storage tank.	

Photo: 48 **Description:** Close up view of the red diesel AST.	

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Photo: 49 **Description:** Close up view of the 500 gallon gasoline tank AST.	

Photo: 50 **Description:** Stained soil from fuel spills at the base of the AST secondary containment tanks.	

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Site Reconnaissance Photographs
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Photo: 51 **Description:** Stained soil from fuel spills at the base of the AST secondary containment tanks.	

Photo: 52 **Description:** A car battery was observed next to one of the cars in the Junk Vehicle Storage Area..	

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Site Reconnaissance Photographs
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Photo: 53 **Description:** An electrical panel located near the private domestic wells.	
Photo: 54 **Description:** 1,000 liter water totes in the Farm Equipment Storge and Vehicle Parking Area of the Site.	

Photo: 55 **Description:** A pole mounted electrical transformers at the northeast corner of the Junk Vehicle Storage Area of the Site.	

Photo: 56 **Description:** Tag on the powerline pole at the northeast corner of the Junk Vehicle Storage Area of the Site.	

Photo: 57 **Description:** The pole mounted electrical transformer located in the Farm Yard area of the Site.		

Photo: 58 **Description:** The tag on the powerline pole of the pole mounted electrical transformer located in the Farm Yard area of the Site.		

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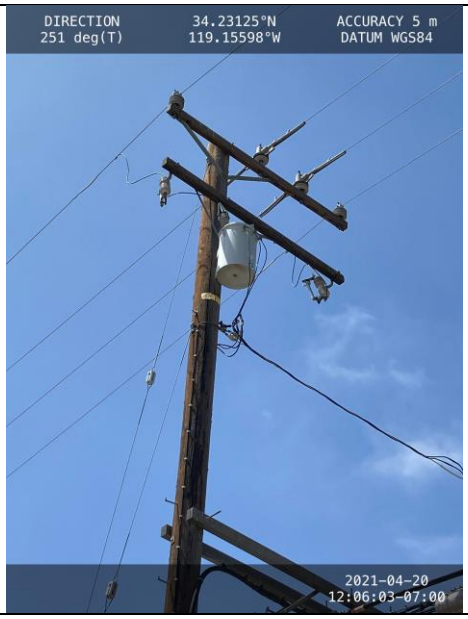
Photo: 59 **Description:** The pole mounted electrical transformer located on Site's western boundary on North Rose Avenue.	

Photo: 60 **Description:** The tag on the powerline pole of the pole mounted electrical transformer located on Site's western boundary on North Rose Avenue.	

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Photo: 61 **Description:** A view of neighborhood across North Rose Avenue along the Site's northwestern boundary.	

Photo: 62 **Description:** A view southwest along the Site's northwestern boundary.	

Photo: 63 **Description:** A view of Collins Street and an automobile dealership at the Site's southwestern boundary.	

Photo: 64 **Description:** A view to the northwest along Collins Street along the Site's southwestern boundary.	

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Photo: 65 **Description:** View of the dirt road and irrigation ditch along the Site's southwestern boundary.	

Photo: 66 **Description:** View of a row of raspberry plantings that are present throughout the majority of the Site.	

D AGENCY/UTILITY CONTACT DOCUMENTATION

Saticoy

Saticoy Field

Santa Clara Avenue Field

Oxnard Field

Camarillo Airport

2N 22W

2N 21W

1N 22W

1N 21W

US 126

HWY 232

HWY 118

SANTA CLARA AV

US 101

GONZALES RD

S LAS POSAS RD

PLEASANT VALLEY RD

E 5TH ST

SANTA CLARA RIVER

Exxon Mobil Corp 'Alvin Gisler' et al 1

Shell CPI 'Sudden' 3

Texaco E & P Inc 'Sudden' 1

Texaco E & P Inc 'Lloyd Butler' 1

Ibsen Resource Management Inc 'Lloyd-Butler' 2-6

Exxon Mobil Corp 'Santa Clara Water & Irrigat Co' 1

Mobil Oil Corp 'Lloyd-Butler' 1

Chevron USA, Inc. 'Lloyd-Butler' 1

Exxon Mobil Corp 'Lloyd Butler' 1

John Lloyd Butler Trust 'Unknown'1

Ibsen Resource Management Inc 'Lloyd-Butler' 24-6

Shell Western E. & P. Inc. 'Vanoni' 1

Chevron USA, Inc. 'Vanoni' 1

Chevron USA Inc. 'Schneider' 1

Mobil Oil Corp 'Ferro' 1

L&M Oil Company Inc 'Ferro' 1

Chevron USA, Inc. 'Ferro' 1

Chevron USA, Inc. 'Saticoy-Citrus' 5

Chevron USA, Inc. 'Saticoy-Citrus' 4

Chevron USA, Inc. 'Hertel-Woolsey' 1

Chevron USA, Inc. 'Eaton' 1

Exxon Mobil Corp 'Hobson' 1

Texaco E & P Inc 'Montomery' 1

Exxon Mobil Corp 'Coffman' 1

Kenneth H. Hunter, Jr. Explor 'Central Ave-Furrer' 1

Chevron USA, Inc. 'Ingham' 1

Shell Western E. & P. Inc. 'Cohn' 2-1

Victory Oil Company 'Donlon' 1

Venoco Inc 'Sakioka' 1

Venoco Inc 'Sakioka' 2

Texaco E & P Inc 'Edwards' 1

Shell Western E. & P. Inc. 'Shell-Standard-Pierce' 1

Mobil Oil Corp 'Shell-Standard Pierce' 2

Texaco E & P Inc 'Pierce' 1

Mobil Oil Corp 'Franco-Western Shell-Std Del T' 1

Shell Western E. & P. Inc. 'Brother' 1

Mobil Oil Corp 'Tex.-Security 1st Nat. Bank' 1

Conoco Inc 'Jarras' 3

Union Oil Co of Ca 'Jarras' 1

Union Oil Co of Ca 'Jarras' 2

Venoco Inc 'Santa Clara Avenue Unit 4' 1

Vintage Petroleum Inc 'T. G.-R. R.' 73-29

Venoco Inc "Friedrich Unit 3"

Venoco Inc 'Santa Clara Avenue Unit 5' 1

Venoco Inc 'Santa Clara Avenue Unit 4' 2

Venoco Inc 'Santa Clara Avenue Unit 5' 2

Venoco Inc 'Santa Clara Avenue Unit 4' 3

Venoco Inc 'Friedrich Unit 3' 9

Venoco Inc 'Friedrich Unit 1' 4A

Venoco Inc 'Friedrich Unit 1' 10

Venoco Inc 'Friedrich Unit 1' 8

Venoco Inc 'Friedrich Unit 1' 7

Venoco Inc 'Friedrich Unit 1' 2A

Venoco Inc 'Friedrich Unit 1' 3

Venoco Inc 'Friedrich Unit 2' 1

Venoco Inc 'Friedrich Unit 2' 5

Venoco Inc 'Friedrich Unit 1' 9

Venoco Inc 'Friedrich Unit 1' 6

Venoco Inc 'Friedrich Unit 1' 5

Tenneco Oil Company 'Friedrich Unit 3' 2

Venoco Inc 'Friedrich Unit 2' 3

Venoco Inc 'Friedrich Unit 1' 1

HCT Oil & Gas Corp 'Friedrich 2' 2

Shell Western E. & P. Inc. 'Shell-Standard-Pierce' 1

Mobil Oil Corp 'Shell-Standard Pierce' 2

Texaco E & P Inc 'Pierce' 1

Shell Western E. & P. Inc. 'Lloyd Corp.-Vacca 2' 2

Shell Western E. & P. Inc. 'Lloyd Corp.-Vacca 2' 1

Chevron USA, Inc. 'McGrath' 3

Chevron USA, Inc. 'McGrath' 4

Cabeen Exploration Co 'Hunter Power' 1

Texaco E & P Inc 'Edwards' 1

Kenneth H Hunter Jr 'Pacific Farm' 1

Chevron USA,Inc 'McGrath 11' 1

Westates Petroleum Company 'Beardsley' 3

Rothschild Oil Company 'Demsey' 1

Hoyt S. Gale 'Beardsly' 2

Hoyt S. Gale 'Beardsly' 1

Shell Western E. & P. Inc. 'McGrath' 1

Shell Western E. & P. Inc. 'McGrath' 2B

Shell Western E. & P. Inc. 'Diedrich' 1

Kenneth H. Hunter, Jr. Explor 'Central Ave-Furrer' 1

Shell Western E. & P. Inc. 'Cohn' 2-1

Victory Oil Company 'Donlon' 1

Union Oil Co of Ca 'McGrath-McCormick' 1

Shell Western E. & P. Inc. 'Shoptaw' 1

Chevron USA, Inc. 'Hertel-Woolsey' 1

Chevron USA, Inc. 'Eaton' 1

Texaco E & P Inc 'Montomery' 1

Exxon Mobil Corp 'Hobson' 1

Exxon Mobil Corp 'Coffman' 1

Kenneth H. Hunter, Jr. Explor 'Central Ave-Furrer' 1

Chevron USA, Inc. 'Ingham' 1

Shell Western E. & P. Inc. 'Cohn' 2-1

Victory Oil Company 'Donlon' 1

Venoco Inc 'Sakioka' 1

Venoco Inc 'Sakioka' 2

Texaco E & P Inc 'Edwards' 1

Shell Western E. & P. Inc. 'Shell-Standard-Pierce' 1

Mobil Oil Corp 'Shell-Standard Pierce' 2

Texaco E & P Inc 'Pierce' 1

Mobil Oil Corp 'Franco-Western Shell-Std Del T' 1

Shell Western E. & P. Inc. 'Brother' 1

Mobil Oil Corp 'Tex.-Security 1st Nat. Bank' 1

Conoco Inc 'Jarras' 3

Union Oil Co of Ca 'Jarras' 1

Union Oil Co of Ca 'Jarras' 2

Venoco Inc 'Santa Clara Avenue Unit 4' 1

Vintage Petroleum Inc 'T. G.-R. R.' 73-29

Venoco Inc "Friedrich Unit 3"

Venoco Inc 'Santa Clara Avenue Unit 5' 1

Venoco Inc 'Santa Clara Avenue Unit 4' 2

Venoco Inc 'Santa Clara Avenue Unit 5' 2

Venoco Inc 'Santa Clara Avenue Unit 4' 3

Venoco Inc 'Friedrich Unit 3' 9

Venoco Inc 'Friedrich Unit 1' 4A

Venoco Inc 'Friedrich Unit 1' 10

Venoco Inc 'Friedrich Unit 1' 8

Venoco Inc 'Friedrich Unit 1' 7

Venoco Inc 'Friedrich Unit 1' 2A

Venoco Inc 'Friedrich Unit 1' 3

Venoco Inc 'Friedrich Unit 2' 1

Venoco Inc 'Friedrich Unit 2' 5

Venoco Inc 'Friedrich Unit 1' 9

Venoco Inc 'Friedrich Unit 1' 6

Venoco Inc 'Friedrich Unit 1' 5

Tenneco Oil Company 'Friedrich Unit 3' 2

Venoco Inc 'Friedrich Unit 2' 3

Venoco Inc 'Friedrich Unit 1' 1

HCT Oil & Gas Corp 'Friedrich 2' 2

Shell Western E. & P. Inc. 'Shell-Standard-Pierce' 1

Mobil Oil Corp 'Shell-Standard Pierce' 2

Texaco E & P Inc 'Pierce' 1

Mobil Oil Corp 'Franco-Western Shell-Std Del T' 1

Shell Western E. & P. Inc. 'Brother' 1

Mobil Oil Corp 'Tex.-Security 1st Nat. Bank' 1

Conoco Inc 'Jarras' 3

Union Oil Co of Ca 'Jarras' 1

Union Oil Co of Ca 'Jarras' 2

Shell Western E. & P. Inc. 'Shoptaw' 1

Union Oil Co of Ca 'McGrath-McCormick' 1

Victory Oil Company 'Donlon' 1

Kenneth H Hunter Jr 'Pacific Farm' 1

Chevron USA,Inc 'McGrath 11' 1

Westates Petroleum Company 'Beardsley' 3

Rothschild Oil Company 'Demsey' 1

Hoyt S. Gale 'Beardsly' 2

Hoyt S. Gale 'Beardsly' 1

Shell Western E. & P. Inc. 'McGrath' 1

Shell Western E. & P. Inc. 'McGrath' 2B

Shell Western E. & P. Inc. 'Diedrich' 1

Reserve Oil and Gas Company 'McGrath' 4

San Roque Oiland Exploration 'McGrath' 2

Petan Company 'A. Pfeiler Est.' 1

Mobil Oil Corp 'Standard Scholle' 1

Shell Western E. & P. Inc. 'Maulhardt Community' 7

Plains Oil Company 'Maulhardt' 1

Chevron USA, Inc. 'McGrath 13' 3

Chevron USA, Inc. 'McGrath 13' 1A

Max Pray 'McGrath' 1

Chevron USA, Inc. 'McGrath 13' 2

Chevron USA, Inc. 'Thatcher' 6

Chevron USA, Inc. 'Thatcher' 8

Chevron USA, Inc. 'Thatcher' 7

Chevron USA, Inc. 'Thatcher' 5

Chevron USA, Inc. 'Thatcher' 4

Chevron USA, Inc. 'Thatcher' 3B

Shell Western E. & P. Inc. 'Maulhardt Community' 6

Shell Western E. & P. Inc. 'Maulhardt Community' 9

Shell Western E. & P. Inc. 'Maulhardt Community' 3

Shell Oil Co 'Thatcher' 1

Shell Western E. & P. Inc. 'McInnes' 8

Shell Western E. & P. Inc. 'McInnes' 7

Shell Western E. & P. Inc. 'Maulhardt Community' 10

Reserve Oil and Gas Company 'Maulhardt' 3

Shell Western E. & P. Inc. 'Maulhardt Community' 2

Shell Western E. & P. Inc. 'Maulhardt Community' 11A

Shell Western E. & P. Inc. 'Maulhardt Community' 5

Shell Western E. & P. Inc. 'Maulhardt Community' 8

Shell Western E. & P. Inc. 'Maulhardt Community' 101A

Shell Western E. & P. Inc. 'McInnes' 9

Shell Western E. & P. Inc. 'McInnes' 5

Applegate & Owens 'Maulhardt' 2

Plains Oil Company No. 4 'Duntley' 1

Shell Western E. & P. Inc. 'Maulhardt Community' 4

John W Lucas Jr 'Pfeiler' 1

Reserve Oil and Gas Company 'Duntley' 2

Shell Western E. & P. Inc. 'Pfeiler' 8

Shell Western E. & P. Inc. 'Pfeiler Chevron' 1

Reserve Oil and Gas Company 'Duntley' 3

Chevron USA, Inc. 'Duntley' 1

Shell Western E. & P. Inc. 'Pfeiler' 9

Shell Western E. & P. Inc. 'Pfeiler' 3

Shell Western E. & P. Inc. 'Pfeiler' 1

Shell Western E. & P. Inc. 'Pfeiler' 6

Shell Western E. & P. Inc. 'Pfeiler' 5A

Shell Western E. & P. Inc. 'Pfeiler' 7

Shell Western E. & P. Inc. 'Pfeiler' 4

Shell Western E. & P. Inc. 'Pfeiler' 2

Shell Western E. & P. Inc. 'Pfeiler' 10

Shell Western E. & P. Inc. 'Standard-Todd' 302

Franwin Oil and Gas 'Todd' 1

Shell Western E. & P. Inc. 'Standard-Todd' 301

Chase Production Co 'Todd' 1

Chase Production Co 'Todd' 3

Chase Production Co 'Todd' 2

Jack Herley Operations 'Lloyd Corp' Todd A

Oxnard Operations 'J.H.' 4

Shell Western E. & P. Inc. 'Todd Pfeiler L.W.' 1

Deuel Petroleum Calif, Inc 'J.H.' 3

Chevron USA, Inc. 'Standard Lenox' 301

Chevron USA, Inc. 'Standard Lenox' 302

Deuel Petroleum Calif, Inc 'J.H.' 5

Deuel Petroleum Calif, Inc 'J.H.' 1

Deuel Petroleum Calif, Inc 'J.H.' 2

Deuel Petroleum Calif, Inc 'J.H.' 7

Shell Western E. & P. Inc. 'Diedrich' 1

Shell Western E. & P. Inc. 'Gordon-Pfeiler Line Well' 1

Shell Western E. & P. Inc. 'Diedrich-Gordon' 2

Texaco E & P Inc 'Diedrich' 4

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 3

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 11

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 2B

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 8A

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 308

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 3

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 2

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 5

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 7

Shell Western E. & P. Inc. 'Sturgis' 1

Roscoe Oil Company 'Ecoff' 1

Anadime Energy Services, Inc 'Diedrich' 5

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 4

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 9

Anadime Energy Services, Inc 'Diedrich' 6

Shell Western E. & P. Inc. 'Diedrich-Donlon Line Well' 1

Shell Western E. & P. Inc. 'Diedrich-Gordon-Donlon L.W.' 1

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 5

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 6

Texaco E & P Inc 'Diedrich' 3

Fairbanks & Haas, Inc 'Diedrich' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 1

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 10A

Shell Western E. & P. Inc. 'Gordon-Donlon L.W.' 1

Anadime Energy Services, Inc 'Diedrich' 2

Shell Western E. & P. Inc. 'Gordon-Donlon L.W.' 2

Bentley & Simonson, Inc 'Maulhardt' 6

Bentley & Simonson, Inc 'Maulhardt' 3

Shell Western E. & P. Inc. 'Donlon Community' 3

Shell Western E. & P. Inc. 'Donlon Community' 4A

Shell Western E. & P. Inc. 'Donlon Community' 2A

Bentley & Simonson, Inc 'Maulhardt' 1

Bentley & Simonson, Inc 'Maulhardt' 7

Shell Western E. & P. Inc. 'Donlon Community' 8

Shell Western E. & P. Inc. 'Donlon Community' 10

Shell Western E. & P. Inc. 'Donlon Community' 9

Bentley & Simonson, Inc 'Maulhardt' 5

Shell Western E. & P. Inc. 'Donlon Community' 7A

Bentley & Simonson, Inc 'Maulhardt' 2

Shell Western E. & P. Inc. 'Donlon Community' 11

Berry Petroleum Co 'Donlon' 2

Bentley & Simonson, Inc 'Maulhardt' 8

Berry Petroleum Co 'Donlon' 1

Bentley & Simonson, Inc 'Maulhardt' 4

Shell Western E. & P. Inc. 'Donlon Community' 12

Shell Western E. & P. Inc. 'Donlon Community' 6A

Mobil Oil Corp 'Standard Ruggles' 1-11

Shell Western E. & P. Inc. 'Donlon Community' 1

Chevron USA, Inc. 'Hooker Daily Line Well' 1

Deuel Petroleum Co., Inc 'Security First National Bank' 3

Chevron USA, Inc. 'Daily' 1

Chevron USA, Inc. 'Security First National Bank' 1

Chevron USA, Inc. 'Maloit' 1

Chevron USA, Inc. 'Rugglet' 1A

Chevron USA, Inc. 'Daily' 2

Chevron USA, Inc. 'P. Donlon' 3

Chevron USA, Inc. 'P. Donlon' 2

Max Pray 'Max Pray-Donlon' 2

Max Pray 'Max Pray-Donlon' 1

Chevron USA, Inc. 'P. Donlon' 1

Chevron USA, Inc. 'Security First National Bank' 2

Chase Production Co. "El Rio"

Chase Production Co. "Chase"

Chase Production Co. "Vacca-Transamerica"

Geo Petroleum 'Vacca Tar Sand Unit'

Geo Petroleum, Inc. 'Vacca Tar Sand Unit' 1-1

Aera Energy LLC 'Vaca' 5-12

MacDonald, Burns & Norris #4 'Culbertson' 1

Chase Production Co 'Culbertson' 3

Chase Production Co 'Culbertson' 2

Chase Production Co 'Janet' 1

Aera Energy LLC 'Vaca' 4-12

Aera Energy LLC 'Vaca' W.S. 1

Aera Energy LLC 'Vaca' 3-7

Chevron USA, Inc. 'Davis' 1

Chevron USA, Inc. 'Davis' 2

Chevron USA, Inc. 'Davis' 3

Husky Oil Company 'Vaca Core Hole' 1-7

Lloyd Corporation, Ltd 'Friedrich 1' 1

Lloyd Corporation, Ltd 'Lloyd Corp.-Power' 2

Cabeen Exploration Co 'Hunter Power' 1

Lloyd Corporation, Ltd 'Lloyd Corporation, Ltd.' 2

Lloyd Corporation, Ltd 'Lloyd Corp.-Borchard' 3

Lloyd Corporation, Ltd 'Lloyd Corp.-Borchard' 6

Lloyd Corporation, Ltd 'Lloyd Corp.-Borchard' 1

Lloyd Corporation, Ltd 'Lloy Corp-W.R.Livingston' 1

Lloyd Corp., Ltd. 'Lloy Corp-W.R.Livingston'4

Lloyd Corporation, Ltd 'Lloyd Corp.-W.R. Livingston' 2

Lloyd Corporation, Ltd 'Lloyd Corp.-W.R. Livingston' 3

Shell Western E. & P. Inc. 'McInnes' 6

Shell Western E. & P. Inc. 'McInnes' 2

Shell Western E. & P. Inc. 'McInnes' 304

Shell Western E. & P. Inc. 'McInnes' 303

Shell Western E. & P. Inc. 'McInnes' 1

Chevron USA, Inc. 'Thatcher' 302

Chevron USA, Inc. 'Thatcher' 301

Chevron USA, Inc. 'Lloyd Corp.-W.R. Livingston' 1

Shell Western E. & P. Inc. 'Lloyd Corp.-Borchard' 4

Shell Western E. & P. Inc. 'Lloyd Corp.-Borchard' 5

Chevron USA, Inc. 'McGrath' 1A

Chevron USA, Inc. 'Scholle-Livingston' 1

Vista Pacific Resources Corp 'Scholle-Livingston' 3

Exeter Oil Company, Ltd 'Scholle-Livingston' 2

Monterey Resources, Inc. 'Exeter' 2104

Geo Petroleum, Inc. 'Scholle-Livingston' 1

Geo Petroleum, Inc. 'Scholle-Livingston' 3

Chase Production Co 'Yi-Ko' 1

Chase Production Co 'Texcon' 2

Chase Production Co 'Texcon' 1

G. R. Nance Co., Inc 'Capital Company' 1

Lantex Oil Company 'Capco' 5-1

Monterey Resources, Inc 'Gulf' 3051

Monterey Resources, Inc 'Exeter' 1295

Monterey Resources, Inc. 'Gulf' 2331

American Petrofina Co of Texa 'Hunsucher' 1007

American Petrofina Co of Texa 'Hunsucher' 308

American Petrofina Co of Texa 'Hunsucker' 311

Warren Oil Co of California 'Janas Investment Company' 1

Reserve Oil and Gas Company 'Shumate-Sumf' 1

Phillips Oil Company 'Shumate' 1

Shell Western E. & P. Inc. 'Lloyd Corp.-Vacca 2' 3

Shell Western E. & P. Inc. 'Lloyd Corp.-Vacca 2' 4

Marathon Oil Co 'McGrath Ranch' 1

Chilmani Oil Company 'McGrath' 1

Monterey Resources, Inc 'Gulf' 2331

Texaco E & P Inc 'Capital Oxnard' 1

Vacca Oil Exploration 'Well No.' 1

Petroleum Reserve Corp. 'Silva' 1

Lancaster Midway Oil Company 'Well No.' 1

Lancaster Midway Oil Company 'Well No.' 2

Texaco E & P Inc 'Capital Silva' 1

Texaco E & P Inc 'Converse' 1

Mobil Oil Corp 'Standard Scholle' 1

Shell Western E. & P. Inc. 'Maulhardt Community' 10

Shell Western E. & P. Inc. 'Maulhardt Community' 11A

Shell Western E. & P. Inc. 'Maulhardt Community' 8

Applegate & Owens 'Maulhardt' 2

Shell Western E. & P. Inc. 'Maulhardt Community' 5

Shell Western E. & P. Inc. 'Maulhardt Community' 4

Shell Western E. & P. Inc. 'Maulhardt Community' 101A

Shell Western E. & P. Inc. 'McInnes' 9

Shell Western E. & P. Inc. 'McInnes' 5

Plains Oil Company No. 4 'Duntley' 1

John W Lucas Jr 'Pfeiler' 1

Shell Western E. & P. Inc. 'Pfeiler' 8

Shell Western E. & P. Inc. 'Pfeiler Chevron' 1

Reserve Oil and Gas Company 'Duntley' 2

Reserve Oil and Gas Company 'Duntley' 3

Chevron USA, Inc. 'Duntley' 1

Shell Western E. & P. Inc. 'Pfeiler' 9

Shell Western E. & P. Inc. 'Pfeiler' 3

Shell Western E. & P. Inc. 'Pfeiler' 1

Shell Western E. & P. Inc. 'Pfeiler' 6

Shell Western E. & P. Inc. 'Pfeiler' 5A

Shell Western E. & P. Inc. 'Pfeiler' 7

Shell Western E. & P. Inc. 'Pfeiler' 4

Shell Western E. & P. Inc. 'Pfeiler' 2

Shell Western E. & P. Inc. 'Pfeiler' 10

Shell Western E. & P. Inc. 'Standard-Todd' 302

Franwin Oil and Gas 'Todd' 1

Shell Western E. & P. Inc. 'Standard-Todd' 301

Chase Production Co 'Todd' 1

Chase Production Co 'Todd' 3

Chase Production Co 'Todd' 2

Jack Herley Operations 'Lloyd Corp' Todd A

Oxnard Operations 'J.H.' 4

Shell Western E. & P. Inc. 'Todd Pfeiler L.W.' 1

Deuel Petroleum Calif, Inc 'J.H.' 3

Chevron USA, Inc. 'Standard Lenox' 301

Chevron USA, Inc. 'Standard Lenox' 302

Deuel Petroleum Calif, Inc 'J.H.' 5

Deuel Petroleum Calif, Inc 'J.H.' 1

Deuel Petroleum Calif, Inc 'J.H.' 2

Deuel Petroleum Calif, Inc 'J.H.' 7

Texaco E & P Inc 'Capital Oxnard' 1

Vacca Oil Exploration 'Well No.' 1

Petroleum Reserve Corp. 'Silva' 1

Lancaster Midway Oil Company 'Well No.' 1

Lancaster Midway Oil Company 'Well No.' 2

Shell Western E. & P. Inc. 'Diedrich' 1

Shell Western E. & P. Inc. 'Gordon-Pfeiler Line Well' 1

Shell Western E. & P. Inc. 'Diedrich-Gordon' 2

Texaco E & P Inc 'Diedrich' 4

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 3

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 11

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 2B

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 8A

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 308

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 3

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Shell Western E. & P. Inc. 'E. J. Diedrich Community' 5

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 7

Shell Western E. & P. Inc. 'Sturgis' 1

Roscoe Oil Company 'Ecoff' 1

Anadime Energy Services, Inc 'Diedrich' 5

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 4

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 9

Anadime Energy Services, Inc 'Diedrich' 6

Shell Western E. & P. Inc. 'Diedrich-Donlon Line Well' 1

Shell Western E. & P. Inc. 'Diedrich-Gordon-Donlon L.W.' 1

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 5

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 6

Texaco E & P Inc 'Diedrich' 3

Fairbanks & Haas, Inc 'Diedrich' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 1

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 10A

Shell Western E. & P. Inc. 'Gordon-Donlon L.W.' 1

Anadime Energy Services, Inc 'Diedrich' 2

Shell Western E. & P. Inc. 'Gordon-Donlon L.W.' 2

Bentley & Simonson, Inc 'Maulhardt' 6

Bentley & Simonson, Inc 'Maulhardt' 3

Shell Western E. & P. Inc. 'Donlon Community' 3

Shell Western E. & P. Inc. 'Donlon Community' 4A

Shell Western E. & P. Inc. 'Donlon Community' 2A

Bentley & Simonson, Inc 'Maulhardt' 1

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Shell Western E. & P. Inc. 'Donlon Community' 10

Shell Western E. & P. Inc. 'Donlon Community' 9

Bentley & Simonson, Inc 'Maulhardt' 5

Shell Western E. & P. Inc. 'Donlon Community' 7A

Bentley & Simonson, Inc 'Maulhardt' 2

Shell Western E. & P. Inc. 'Donlon Community' 11

Berry Petroleum Co 'Donlon' 2

Bentley & Simonson, Inc 'Maulhardt' 8

Berry Petroleum Co 'Donlon' 1

Bentley & Simonson, Inc 'Maulhardt' 4

Shell Western E. & P. Inc. 'Donlon Community' 12

Shell Western E. & P. Inc. 'Donlon Community' 6A

Mobil Oil Corp 'Standard Ruggles' 1-11

Shell Western E. & P. Inc. 'Donlon Community' 1

Chevron USA, Inc. 'Hooker Daily Line Well' 1

Deuel Petroleum Co., Inc 'Security First National Bank' 3

Chevron USA, Inc. 'Daily' 1

Chevron USA, Inc. 'Security First National Bank' 1

Chevron USA, Inc. 'Maloit' 1

Chevron USA, Inc. 'Rugglet' 1A

Chevron USA, Inc. 'Daily' 2

Chevron USA, Inc. 'P. Donlon' 3

Chevron USA, Inc. 'P. Donlon' 2

Max Pray 'Max Pray-Donlon' 2

Max Pray 'Max Pray-Donlon' 1

Chevron USA, Inc. 'P. Donlon' 1

Chevron USA, Inc. 'Security First National Bank' 2

Chase Production Co. "El Rio"

Chase Production Co. "Chase"

Chase Production Co. "Vacca-Transamerica"

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Geo Petroleum, Inc. 'Vacca Tar Sand Unit' 1-1

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Shell Western E. & P. Inc. 'Pfeiler' 6

Shell Western E. & P. Inc. 'Pfeiler' 5A

Shell Western E. & P. Inc. 'Pfeiler' 7

Shell Western E. & P. Inc. 'Pfeiler' 4

Shell Western E. & P. Inc. 'Pfeiler' 2

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Chase Production Co 'Todd' 3

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Oxnard Operations 'J.H.' 4

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Chevron USA, Inc. 'Standard Lenox' 301

Chevron USA, Inc. 'Standard Lenox' 302

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Shell Western E. & P. Inc. 'Diedrich' 1

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Shell Western E. & P. Inc. 'Diedrich-Gordon' 2

Texaco E & P Inc 'Diedrich' 4

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 3

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 11

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 2B

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 8A

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 308

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 3

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 2

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 5

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 7

Shell Western E. & P. Inc. 'Sturgis' 1

Roscoe Oil Company 'Ecoff' 1

Anadime Energy Services, Inc 'Diedrich' 5

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 4

Shell Western E. & P. Inc. 'A. I. Gordon Estate' 9

Anadime Energy Services, Inc 'Diedrich' 6

Shell Western E. & P. Inc. 'Diedrich-Donlon Line Well' 1

Shell Western E. & P. Inc. 'Diedrich-Gordon-Donlon L.W.' 1

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Shell Western E. & P. Inc. 'A. I. Gordon Estate' 6

Texaco E & P Inc 'Diedrich' 3

Fairbanks & Haas, Inc 'Diedrich' 1

Shell Western E. & P. Inc. 'E. J. Diedrich Community' 1

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Shell Western E. & P. Inc. 'Gordon-Donlon L.W.' 1

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Bentley & Simonson, Inc 'Maulhardt' 6

Bentley & Simonson, Inc 'Maulhardt' 3

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Shell Western E. & P. Inc. 'Donlon Community' 2A

Bentley & Simonson, Inc 'Maulhardt' 1

Bentley & Simonson, Inc 'Maulhardt' 7

Shell Western E. & P. Inc. 'Donlon Community' 8

Shell Western E. & P. Inc. 'Donlon Community' 10

Shell Western E. & P. Inc. 'Donlon Community' 9

Well Finder
CalGEM GIS

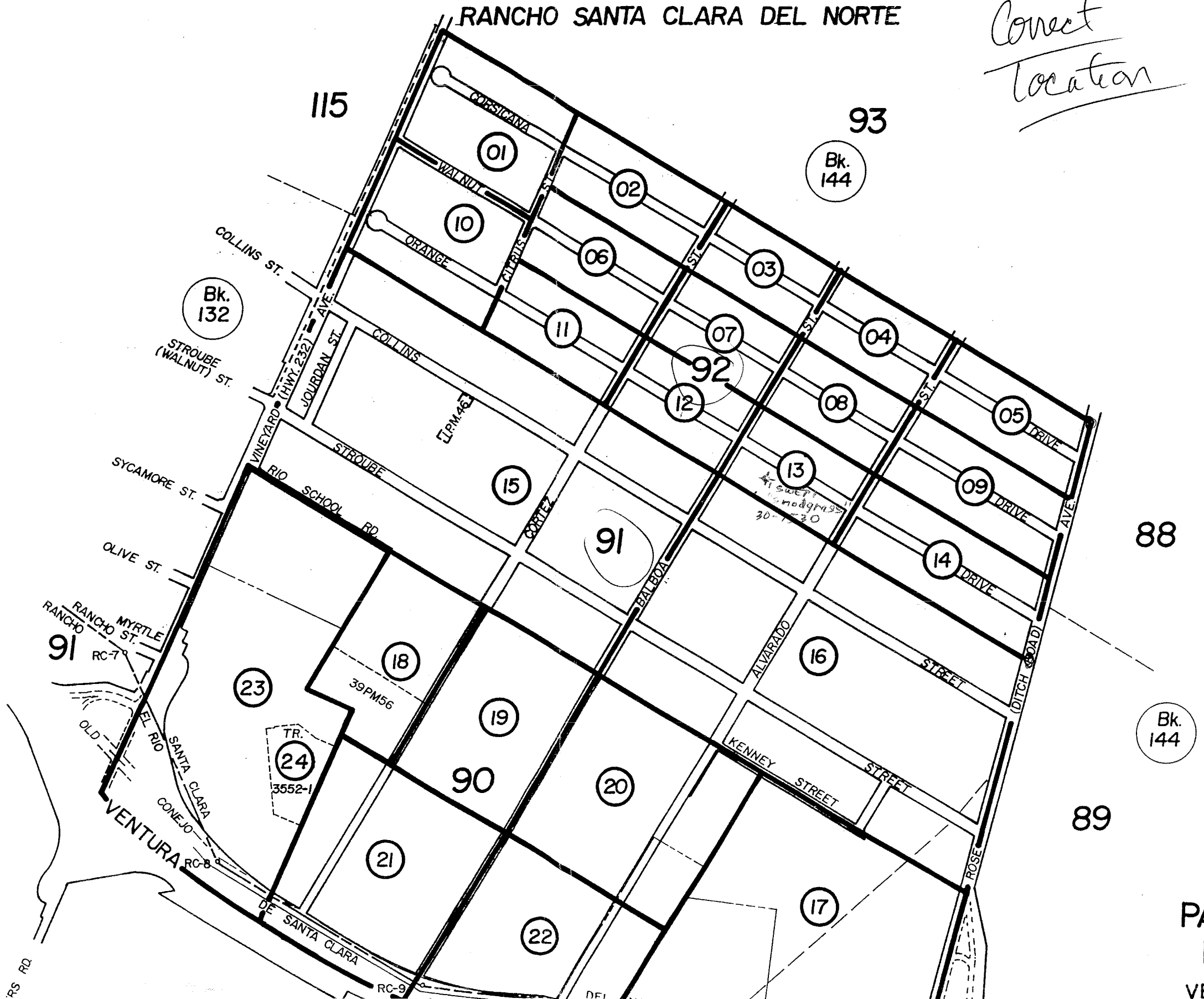
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- Well Status and Well Type Filter
- Search
- ✱ Zoom to Field
- Measurement
- Layers



RANCHO SANTA CLARA DEL NORTE

Correct Location



PAGE INDEX
BOOK 145
VENTURA COUNTY

FORM 100, 68220 6-29 10M
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

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STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 26, T. 2N, R. 22W, S.B. B. & M., Elevation 95' Well No. ~~XXXX~~-SHODGRASS # 1

In compliance with the provisions of Chapter 718, Statutes of 1915, as amended, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Signed W. Holmes

Date JANUARY 29, 1930. Title AGENT (President, Secretary or Agent)

The summary on this page is for the ORIGINAL condition of the well

OIL SANDS

1st sand from _____ to _____ 4th sand from _____ to _____
2d sand from _____ to _____ 5th sand from _____ to _____
3d sand from _____ to _____ 6th sand from _____ to _____

IMPORTANT WATER SANDS

1st sand from _____ to _____ 3d sand from _____ to _____
2d sand from _____ to _____ 4th sand from _____ to _____

CASING RECORD

Size of Casing	Where Landed	Where Cut	Weight Per Foot	Threads Per Inch	Kind of Shoe	Make of Casing	Cemented Yes	Cemented No	Cemented Number of Sacks
13-3/8"	132'		48#	8		Pittsburg Seamless	Yes		100
	2-1/2" Tubing landed at 1530'.								

CEMENTING OR OTHER SHUT-OFF RECORD

Casing, Size	Sacks	Time Set	Method	Test and Result (Give water level and bailing results)
				No tests.
				This well was drilled as a core hole for geological
				purposes only.

PLUGS AND ADAPTERS

Heaving Plug—Material _____ Length _____ Where set _____

Adapters —Material _____ Size _____

TOOLS

Rotary Tools were used from _____ ft. to _____ ft.

Cable Tools were used from _____ ft. to _____ ft.

PERFORATIONS

State clearly whether a machine was used or casing was drilled in shop

From	To	Size of Holes	Number of Rows	Holes Per Foot	Machine—Shop
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				

Well did not produce

[illegible] barrels of oil per day.

The gravity of oil was _____ degrees Baumé. Water in oil amounted to _____ per cent.

NAMES OF DRILLERS — NAMES OF TOOL DRESSERS

Urtasun, J.R., Sadler, C.H., Hart, C.M.

Date drilling started APRIL 9, 1928. Date well was completed APRIL 26, 1928.

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Name of Formation
0	15	15	Sand and boulders
15	83	68	Sand and gravel
83	103	20	Gravel and boulders
103	110	15	Core # 1 - recovered 1' gravel and boulders
110	133	15	Core # 2 - missed; gravel and boulders
133	143	10	Core # 3 - recovered 1' sand and boulders.
143	163	20	Core # 4 - recovered 1' sand and boulders
163	187	24	Gravel and boulders
187	192	5	Clay
192	197	5	Core # 5 - recovered 6" shale
197	216	19	Core # 6 - recovered 2' sandy shale sand and gravel
216	232	16	Core # 7 - missed; sand and gravel
232	246	14	Core # 8 - recovered 2' sand and gravel streaks clay
246	262	16	Core # 9 - recovered 2' sandy clay streaks of gravel
262	277	15	Core # 10 - missed; sand and gravel
277	292	15	Core # 11 - recovered 2' sandy clay streaks of sand
292	305	13	Core # 12 - recovered 6' sandy clay streaks of sand
305	320	15	Core # 13 - recovered 2' sand and gravel
320	328	8	Core # 14 - recovered 5' sand streaks clay
328	348	20	Core # 15 - missed sand streaks clay
348	358	10	Core # 16 - recovered 4' sand and sandy shale with streaks of clay
358	373	15	Core # 17 - missed sand, gravel boulders
373	388	15	Core # 18 - missed sand, gravel boulders
388	405	17	Sand gravel and boulders
405	456	51	Sand, gravel and boulders
456	462	6	Sandy shale
462	474	12	Core # 19 - recovered 1' sandy shale, gravel and boulders
474	508	34	Sand, gravel and boulders
508	513	5	Sand with streaks of clay
513	530	17	Core # 20 - recovered 1' sand with streaks of clay
530	545	15	Core # 21 - recovered 2' gravel and streaks of shale
545	560	15	Core # 22 - recovered 13' shale and sandy shale
560	575	15	Core # 23 - recovered 13' shale and sandy shale
575	590	15	Core # 24 - recovered 5' sandy blue shale
590	605	15	Core # 25 - recovered 7' sandy blue shale and sand
605	620	15	Core # 26 - recovered no core soft sand
620	635	15	Core # 27 - recovered 1' sand gravel streaks shale
635	650	15	Core # 28 - recovered 9' yellow sand, sandy shale, gravel
650	666	16	Core # 29 - recovered 2-1/2' yellow sand, sandy streaks gravel
666	685	19	Core # 30 - missed sand, sandy shale and gravel
685	703	18	Core # 31 - recovered 12' sandy shale, sand and clay
703	718	15	Core # 32 - recovered 7' sandy shale, sand clay
718	733	15	Core # 33 - missed sand and gravel
733	753	20	Core # 34 - recovered 3' sand, gravel and boulders
753	771	18	Core # 35 - recovered 16' yellow sand and sandy shale
771	786	15	Core # 36 - recovered 5' yellow sand and sandy shale

FORM 101. 68202 6-29 15M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL—CONTINUED

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. ~~27~~ 26, T. 2N, R. 22W, S.B. B. & M. Well No. ~~FEE~~-CRODGRASS # 1

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Name of Formation
706	804	18	Core # 37 - recovered 12-1/2' sand and clay
804	819	15	Core # 38 - recovered 4' sand and clay
819	839	20	Core # 39 - recovered 12' soft sand and shale
839	857	18	Core # 40 recovered 18' soft sand and shale
857	877	20	Core # 41 - recovered 19' sand and streaks of shale
877	898	21	Core # 42 - recovered 18' sand, shale and sandy shale
898	915	17	Core # 43 - recovered 17' blue shale with fossils and sandy shale
915	936	21	Core # 44 - recovered 16' blue shale, sand and sandy shale
936	953	17	Core # 45 - recovered 2' sandy shale
953	971	18	Core # 46 - recovered 3' soft sand
971	989	18	Core # 47 - recovered 16' blue sandy shale and shale
989	1004	15	Core # 48 - recovered 6' blue shale and yellow sandy shale
1004	1024	20	Core # 49 - recovered 15' blue sticky shale, sand and sandy shale
1024	1040	16	Core # 50 - recovered 14' hard, blue shale with black and purple streaks
1040	1055	15	Core # 51 - recovered 11' sand and sandy shale
1055	1073	18	Core # 52 - recovered 14' soft sand and shale
1073	1089	16	Core # 53 - recovered 5' tough blue shale and sand
1089	1104	15	Core # 54 - recovered 5' sand and shale with gravel
1104	1122	18	Core # 55 - recovered 10' sand and blue sandy shale
1122	1136	14	Core # 56 - recovered 5' sticky shale
1136	1157	21	Core # 57 - recovered 14' soft sand and shale
1157	1178	21	Core # 58 - recovered 21' sand and shale
1178	1199	21	Core # 59 - recovered 15' shale, sandy shale & sand
1199	1219	20	Core # 60 - recovered 20' shale, sandy shale and sand
1219	1233	14	Core # 61 - recovered 5' sand and clay
1233	1253	20	Core # 62 - recovered 5' sand and clay
1253	1274	21	Core # 63 - recovered 9' sand and sandy clay
1274	1292	18	Core # 64 - recovered 5' sand with gravelly streaks
1292	1310	18	Core # 65 - recovered 4' sand and gravel
1310	1331	21	Core # 66 - recovered 12' sand and gravel
1331	1349	18	Core # 67 - recovered 4' sand
1349	1372	23	Core # 68 - recovered 16' sand and clay
1372	1390	18	Core # 69 - recovered 11' sand and clay
1390	1409	19	Core # 70 - recovered 7' sand and clay
1409	1429	20	Core # 71 - recovered 5' sand and clay
1429	1446	17	Core # 72 - recovered 15' sand and clay
1446	1466	20	Core # 73 - recovered 8' sand and clay
1466	1488	22	Core # 74 - recovered 6' sand and clay
1488	1508	20	Core # 75 - recovered 15' sand and clay
1508	1527	19	Core # 76 - recovered 6' sand and gravel

FORM 101. 69202 6-29 15M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL—CONTINUED

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 27 26, T. 21, R. 22W, S.B. B. & M. Well No. [redacted]-CHODORASS # 1

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Name of Formation
Top of Formation	Bottom of Formation		
1527	1529	2	Core # 77 - missed conglomerate
1529	1530	1	Core # 78 - missed conglomerate
1530			

FORM 101. 68202 6-29 15M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL—CONTINUED

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 27, T. 2N, R. 22W, S.B. B. & M. Well No. [redacted]-SUDGRASS # 1

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Name of Formation
Top of Formation	Bottom of Formation		
1527	1529	2	Core # 77 - mixed conglomerate
1529	1530	1	Core # 78 - mixed conglomerate
1530			

FORM 100. 60220 6-29 10M
CALIFORNIA STATE PRINTING OFFICE

SUBMIT LOG IN DUPLICATE

FILL IN BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE O. P. ONLY

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 26 27, T. 2N, R. 22W, S.B. B. & M., Elevation 95' Well No. [redacted]-SNOWGRASS # 1

In compliance with the provisions of Chapter 718, Statutes of 1915, as amended, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Signed W. Holmes

Date JANUARY 29, 1930. Title AGENT (President, Secretary or Agent)

The summary on this page is for the ORIGINAL condition of the well

OIL SANDS

1st sand from _____ to _____ 4th sand from _____ to _____
2d sand from _____ to _____ 5th sand from _____ to _____
3d sand from _____ to _____ 6th sand from _____ to _____

IMPORTANT WATER SANDS

1st sand from _____ to _____ 3d sand from _____ to _____
2d sand from _____ to _____ 4th sand from _____ to _____

CASING RECORD

Size of Casing	Where Landed	Where Cut	Weight Per Foot	Threads Per Inch	Kind of Shoe	Make of Casing	Cemented Yes	Cemented No	Number of Sacks
13-3/8"	192'		68#	8		Pittsburg Second Hand	Yes		100
	2-1/2" Tubing landed at 1630'.								

CEMENTING OR OTHER SHUT-OFF RECORD

Casing, Size	Sacks	Time Set	Method	Test and Result (Give water level and bailing results)
				No tests.
				This well was drilled as a core hole for Geological purposes only.

PLUGS AND ADAPTERS

Heaving Plug—Material _____ Length _____ Where set _____

Adapters —Material _____ Size _____

TOOLS

Rotary Tools were used from _____ ft. to _____ ft.

Cable Tools were used from _____ ft. to _____ ft.

PERFORATIONS

State clearly whether a machine was used or casing was drilled in shop

From	To	Size of Holes	Number of Rows	Holes Per Foot	Machine—Shop
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				
ft.	ft.				

Thirty days after completion well produced Well did not produce barrels of oil per day.

The gravity of oil was _____ degrees Baumé. Water in oil amounted to _____ per cent.

NAMES OF DRILLERS

Urtamm, J.R., Sadler, C.H., Hart, C.M.

Date drilling started APRIL 9, 1920. Date well was completed APRIL 26, 1920.

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Name of Formation
0	15	15	Sand and boulders
15	83	68	Sand and gravel
83	103	20	Gravel and boulders
103	118	15	Core # 1 - recovered 1' gravel and boulders
118	133	15	Core # 2 - missed; gravel and boulders
133	143	10	Core # 3 - recovered 1' sand and boulders.
143	163	20	Core # 4 - recovered 1' sand and boulders
163	187	24	Gravel and boulders
187	192	5	Clay
192	197	5	Core # 5 - recovered 6" shale
197	216	19	Core # 6 - recovered 2' sandy shale sand and gravel
216	232	16	Core # 7 - missed; sand and gravel
232	246	14	Core # 8 - recovered 2' sand and gravel streaks clay
246	262	16	Core # 9 - recovered 2' sandy clay streaks of gravel
262	277	15	Core # 10 - missed; sand and gravel
277	292	15	Core # 11 - recovered 2' sandy clay streaks of sand
292	305	15	Core # 12 - recovered 6' sandy clay streaks of sand
305	320	15	Core # 13 - recovered 2' sand and gravel
320	328	8	Core # 14 - recovered 5' sand streaks clay
328	348	20	Core # 15 - missed sand streaks clay
348	358	10	Core # 16 - recovered 4' sand and sandy shale with streaks of clay
358	373	15	Core # 17 - missed sand, gravel boulders
373	388	15	Core # 18 - missed sand, gravel boulders
388	405	17	Sand gravel and boulders
405	456	51	Sand, gravel and boulders
456	462	6	Sandy shale
462	474	12	Core # 19 - recovered 1' sandy shale, gravel and boulders
474	508	34	Sand, gravel and boulders
508	513	5	Sand with streaks of clay
513	530	17	Core # 20 - recovered 1' sand with streaks of clay
530	545	15	Core # 21 - recovered 2' gravel and streaks of shale
545	560	15	Core # 22 - recovered 13' shale and sandy shale
560	575	15	Core # 23 - recovered 13' shale and sandy shale
575	590	15	Core # 24 - recovered 5' sandy blue shale
590	605	15	Core # 25 - recovered 7' sandy blue shale and sand
605	620	15	Core # 26 - recovered no core soft sand
620	635	15	Core # 27 - recovered 1' sand gravel streaks shale
635	650	15	Core # 28 - recovered 9' yellow sand, sandy shale, gravel
650	666	16	Core # 29 - recovered 2-1/2' yellow sand, sandy streaks gravel
666	685	19	Core # 30 - missed sand, sandy shale and gravel
685	703	18	Core # 31 - recovered 12' sandy shale, sand and clay
703	718	15	Core # 32 - recovered 7' sandy shale, sand clay
718	733	15	Core # 33 - missed sand and gravel
733	753	20	Core # 34 - recovered 3' sand, gravel and boulders
753	771	18	Core # 35 - recovered 16' yellow sand and sandy shale
771	786	15	Core # 36 - recovered 5' yellow sand and sandy shale

FORM 103. 68276 6-29 10M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 30 1930
SANTA PAULA, CALIFORNIA

History of Oil or Gas Well

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 27, T. 2N, R. 22W, S.B. B. & M., Well No. ~~XXXX~~ - SHONGRASS # 1

Signed C.B. Holmes.

Date JANUARY 29, 1930. Title AGENT
President, Secretary or Agent

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reason for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

LOCATION 1800' from south east corner of lot 92 Rancho Santa Clara Del Norte along southerly property line, thence northerly at right angles 100'.

ELEVATION 95'

17" HOLE Spudded with rotary April 9, 1928 and drilled 17" rotary hole from surface to 197' by April 11th 1928.

CEMENTED second hand 13-3/8" Pittsburg 68# A. P. I. 8 thread seamless casing at 192' with 100 sax treated Santa Cruz Oil Well Cement Perkins method April 11th.

12" HOLE Located top plug at 177' April 13th. Cleaned out cement and drilled 12" rotary hole to 1530' by April 25th. Landed 2-1/2" tubing at 1550' April 26, 1928.

HISTORY OF ABANDONMENT

Filled hole with heavy mud April 26, 1928.

FORM 101. 68202 6-29 15M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

LOG OF OIL OR GAS WELL—CONTINUED

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 27, T. 28S, R. 22W, S.B. B. & M. Well No. [redacted]-SNODGRASS # 1

FORMATIONS PENETRATED BY WELL

DEPTH TO Top of Formation	DEPTH TO Bottom of Formation	Thickness	Name of Formation
786	804	18	Core # 37 - recovered 12-1/2' sand and clay
804	819	15	Core # 38 - recovered 4' sand and clay
819	839	20	Core # 39 - recovered 12' soft sand and shale
839	857	18	Core # 40 recovered 12' soft sand and shale
857	877	20	Core # 41 - recovered 19' sand and streaks of shale
877	898	21	Core # 42 - recovered 18' sand, shale and sandy shale
898	915	17	Core # 43 - recovered 17' blue shale with fossils and sandy shale
915	936	21	Core # 44 - recovered 16' blue shale, sand and sandy shale
936	953	17	Core # 45 - recovered 2' sandy shale
953	971	18	Core # 46 - recovered 5' soft sand
971	989	18	Core # 47 - recovered 16' blue sandy shale and shale
989	1004	15	Core # 48 - recovered 8' blue shale and yellow sandy shale
1004	1024	20	Core # 49 - recovered 15' blue sticky shale, sand and sandy shale
1024	1040	16	Core # 50 - recovered 14' hard, blue shale with black and purple streaks
1040	1055	15	Core # 51 - recovered 11' sand and sandy shale
1055	1073	18	Core # 52 - recovered 14' soft sand and shale
1073	1089	16	Core # 53 - recovered 5' tough blue shale and sand
1089	1104	15	Core # 54 - recovered 3' sand and shale with gravel
1104	1122	18	Core # 55 - recovered 16' sand and blue sandy shale
1122	1136	14	Core # 56 - recovered 5' sticky shale
1136	1157	21	Core # 57 - recovered 14' soft sand and shale
1157	1178	21	Core # 58 - recovered 21' sand and shale
1178	1199	21	Core # 59 - recovered 15' shale, sandy shale & sand
1199	1219	20	Core # 60 - recovered 20' shale, sandy shale and sand
1219	1233	14	Core # 61 - recovered 5' sand and clay
1233	1253	20	Core # 62 - recovered 5' sand and clay
1253	1274	21	Core # 63 - recovered 9' sand and sandy clay
1274	1292	18	Core # 64 - recovered 5' sand with gravelly streaks
1292	1310	18	Core # 65 - recovered 4' sand and gravel
1310	1331	21	Core # 66 - recovered 12' sand and gravel
1331	1349	18	Core # 67 - recovered 4' sand
1349	1372	23	Core # 68 - recovered 16' sand and clay
1372	1390	18	Core # 69 - recovered 11' sand and clay
1390	1409	19	Core # 70 - recovered 7' sand and clay
1409	1429	20	Core # 71 - recovered 5' sand and clay
1429	1446	17	Core # 72 - recovered 15' sand and clay
1446	1466	20	Core # 73 - recovered 8' sand and clay
1466	1488	22	Core # 74 - recovered 6' sand and clay
1488	1508	20	Core # 75 - recovered 15' sand and clay
1508	1527	19	Core # 76 - recovered 8' sand and gravel

FORM 103. 66276 6-29 10M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

History of Oil or Gas Well

DIVISION OF OIL AND GAS
RECEIVED
JAN 30 1930
SANTA PAULA, CALIFORNIA

FIELD _____ COMPANY SHELL OIL COMPANY

Sec. 26 27, T. 2N, R. 22W, S.B. B. & M., Well No. ~~KRAKE~~ - SUDDERATH # 1

Signed W. Holmes

Date JANUARY 29, 1930. Title AGENT

President, Secretary or Agent

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reason for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

LOCATION — 1000' from south east corner of lot 92 Rancho Santa Clara Del Norte along southerly property line, thence northerly at right angles 100'.

ELEVATION — 95'

17" HOLE — Spudded with rotary April 9, 1929 and drilled 17" rotary hole from surface to 197' by April 11th 1929.

CEMENTED second hand 13-3/8" Pittsburg 68# A. W. I. 8 thread seamless casing at 192' with 100 sax treated Santa Cruz Oil Well Cement Heridne method April 11th.

12" HOLE — Located top plug at 177' April 13th. Cleaned out cement and drilled 12" rotary hole to 1530' by April 25th. Landed 8-1/2" tubing at 1530' April 26, 1929.

HISTORY OF ABANDONMENT

Filled hole with heavy mud April 26, 1933.

FORM 108. 68222 6-29 5M
CALIFORNIA STATE PRINTING OFFICE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
JAN 30 1930
SANTA PAULA, CALIFORNIA

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin

VENTURA Cal. APRIL 21st. 1926

MR. C. C. TOLS

Deputy State Oil and Gas Supervisor

SANTA PAULA Cal.

DEAR SIR:

In compliance with Section 16, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to abandon well No. SHOESTRASS # 1, Sec. 27, T. 2N R. 22W, S.B. B. & M., Oil Field, VENTURA County, commencing work on the 26TH. day of APRIL 19 26

The present condition of the well is as follows:

13-3/8" casing cemented at 192'.
2-1/2" tubing landed at 1530'.
Total depth 1530'.

The proposed work is as follows:

Fill hole with heavy mud.

JANUARY 29, 1930.
Owing to oversight this notice to abandon was not made until this date. The notice has been dated back to April 21st. 1926.

Reference to file of data

		Cross Section	Cards	Forms	

Respectfully yours

SHELL OIL COMPANY
Name of Company or Operator

By W. B. Lucas

ADDRESS NOTICE TO DEPUTY STATE OIL AND GAS SUPERVISOR IN CHARGE OF DISTRICT WHERE WELL IS LOCATED

FORM 111. 55781 11-27 10M
[CALIFORNIA STATE PRINTING OFFICE]

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINES AND MINING

DEPARTMENT OF PETROLEUM AND GAS

Report on Proposed Operations

No. P 2-1979

Santa Paula, Cal. April 16, 1928

Mr. W. W. Craddock,
Ventura, Cal.

Agent for Shell Company of California Company

PROSPECT WELL

DEAR SIR:

Your proposal to drill Well No. Snodgrass 1,
Section 27, T. 2 N., R. 22 W., S.B. B. & M., — Oil Field, Ventura County,
dated Apr. 9 1928, received Apr. 10 1928, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The well is 1800' from S.E. corner of Lot #92, Rancho Santa Clara Del Norte, along Southerly property line, thence Northerly at right angles 100'.

The elevation of the derrick floor above sea level is 95 feet.

We estimate that the first productive oil or gas sand should be encountered at a depth of about -------feet, more or less."

PROPOSAL:

"We propose to use the following strings of casing, either landing or cementing them as here indicated:

Size of csg.	Wt. per ft.	New or S.H.	Depth	Landed or Cemented

THIS WELL BEING DRILLED FOR GEOLOGIC INFORMATION ONLY

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing."

RECOMMENDATION:

This office has no data to determine the depth at which oil or gas bearing formations may be encountered at this location.

Kindly notify this office as follows:

1. When and if oil or gas bearing formations are noted in drilling.
2. To witness a test of shut-off on any water string set in the well.

cc - Mr. Wm. Reinhardt (2)

R. D. BUSH
State Oil and Gas Supervisor

By _____ Deputy

FORM 105. 55792 11-27 5M
[CALIFORNIA STATE PRINTING OFFICE]

7

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINES AND MINING

111-05778

DEPARTMENT OF PETROLEUM AND GAS

DIVISION OF MINES AND MINING — PETROLEUM AND GAS

Notice of Intention to Drill New Well

This notice must be given before drilling begins

APR 10 1928

RECEIVED
SANTA PAULA, CALIFORNIA

VENTURA Cal. APRIL 9, 1928 192

MR. C. C. THOMS

Deputy State Oil and Gas Supervisor

SANTA PAULA Cal.

DEAR SIR:

In compliance with Section 17, Chapter 718, Statutes of 1915, as amended, notice is hereby given that it is our intention to commence the work of drilling well number SNODGRASS 1, Section 26 27, T. 2N, R. 22W, SB. & M., XXXXXXX Oil Field, VENTURA County.

The well is feet N. or S., and feet E. or W. from SEE LOCATION BELOW
(Give location in distance from section corners or other corners of legal subdivision)

The elevation of the derrick floor above sea level is 95 feet.

We propose to use the following strings of casing, either cementing or landing them as here indicated:

Size of Casing, Inches	Weight, Lb. Per Foot	New or Second Hand	Depth	Landed or Cemented
THIS WELL BEING	DRILLED FOR GEOLOGIC INFORMATION ONLY			

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

We estimate that the first productive oil or gas sand should be encountered at a depth of about feet, more or less.

Respectfully yours

Address VENTURA

SHELL COMPANY OF CALIFORNIA
(Name of Company or Operator)

Telephone number 1380

By [signature] AGENT

ADDRESS NOTICE TO DEPUTY STATE OIL AND GAS SUPERVISOR IN CHARGE OF DISTRICT WHERE WELL IS LOCATED

1800' from S.E. corner of Lot #92, Rancho Santa Clara Del Norte, along Southerly property line, thence Northerly at right angles 100'

PLEASE DESIGNATE AS EXPLORATION WELL

Reference to file of data

Maps	Model	Cross Section	Cards	Forms 114	Forms
				✓	✓

FORM 159 (9-49)

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

Santa Paula, California

June 29 1959

Mr. Carl B Bowden
P O Box 670
Santa Paula California
Agent for Union Oil Company of California

DEAR SIR:

Your report of abandonment of Well No. "McGrath-McCormick" 1, Sec. 26, T. 2N, R. 22W, S.B. B. & M., ---field, Ventura County, dated June 12, 1959, has been examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS
OK	OK	✓	Blanket		✓

E. H. MUSSER
State Oil and Gas Supervisor

By S H Rook
S H Rook *Deputy Supervisor*

CC W S Eggleston
Cons Comm

k

46006 12-56 10M SPO

FORM 165

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

REPORT OF CORRECTION OR CANCELLATION

Santa Paula California

June 29 1959

MR. Carl B Bowden
P O Box 670
Santa Paula California
Union Oil Company of California

Dear Sir

In accordance with records on file in this office

the following change pertaining to your well No. "McGrath-McCormick" 1,
Sec. 26, T. 2N, R. 22W, S.B. B. & M., — field,
Ventura County, District No. 2, is being made in our records:

☒ The corrected location is 1200.14' NW'ly alg. lot line from NE cor of lot #88, Rancho Santa Clara del Norte; thence, 752.69' SW'ly at right angles.

☐ The corrected elevation is

☐ Report No. , dated , has been corrected as follows:

☐ Your notice to (Drill, abandon, etc.) dated ,
and our report No. P , issued in answer thereto, are hereby cancelled inasmuch as the work will not be done. If you have a drilling bond on file covering this notice it will be returned. No request for such return is necessary.

☐ Other:

MAP 70 OK SHR | MAP BOOK | CARDS | BOND | FORMS 114 [illegible]

E. H. MUSSER
State Oil and Gas Supervisor

By S N Rook
Deputy Supervisor

CC W S Eggleston
k

72120 2-58 6500 SPO

FORM 100

111-05802

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

WELL SUMMARY REPORT

SUBMIT IN DUPLICATE

Note: Shown below is the corrected and final location.

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA PAULA, CALIFORNIA

Operator UNION OIL COMPANY OF CALIFORNIA Well No. McGrath-McCormick No. 1

Sec. 26, T. 2N, R. 22W, S.B. B. & M. El Rio Field Ventura County.

Location 1200.14' NW'ly alg lot line from NE cor of Lot #88, Rancho Santa Clara del Norte; thence, 752.69' SW'ly at right angles.
(Give location from property or section corner, or street center lines)

Elevation of ground above sea level 94.26 feet.

All depth measurements taken from top of rotary table which is 10.6 feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

In compliance with Sec. 3215, of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date June 12, 1959

Signed Carl B. Bowden

Carl B. Bowden (Engineer or Geologist)

J. T. Ledbetter (Superintendent)

Title Carl B. Bowden, Division Engineer (President, Secretary or Agent)

Commenced drilling April 23, 1959

Completed drilling May 23, 1959 Abandoned: June 4, 1959

Total depth 11,058 Plugged depth Surface

Junk None

GEOLOGICAL MARKERS — DEPTH

Well did not produce.

Commenced producing _____ (Date) Flowing/gas lift/pumping (Cross out unnecessary words)

Geologic age at total depth: Sespe

Name of producing zone --

	Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
Initial production	--					
Production after 30 days	--					

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
13-3/8"	1230'	Surface	48# 54.5#	New	Seamless	H-40	17"	1050	Shoe

PERFORATED CASING
(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

Electrical Log Depths 1620' and 11,058' (Attach Copy of Log)

49 12-55 34M SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

Division of Oil and Gas

UNION OIL COMPANY

DRILLING REPORT

Well No. McGrath-McCormick No. 1

Field El Rio

County Ventura

Sec. 26 T. 2N R. 22W S.B.B.M.

Clyde Hall Drilling Co.
(Contractor)

Condition of Hole

New Well.

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959

SANTA PAULA, CALIFORNIA

Date 1959	Depth	Drilled	REMARKS

LOCATION: 1200.14' Northwesterly along lot line from northeast corner of Lot #88, Rancho Santa Clara del Norte; thence, 752.69' Southwesterly at right angles, Section 26, T.2N., R.22W., S.B.B.&M., Ventura County.

ELEVATION: 94.26' Concrete Slab.
104.86' Rotary Table.

PROPOSAL: Explore Sespe sands.

DEPTH MEASUREMENTS: All depths are measured from the top of the rotary table, which is 10.6' above the concrete.

DRILLING CONTRACTOR: Clyde Hall Drilling Company
McDowell, Foreman

DRILLING EQUIPMENT:

Derrick: 136' Emsco double-bulge P 18

Draw Works: Emsco GB 800

Pumps: Bethlehem 8" x 18"
Bethlehem 8" x 16"

Drill Pipe: 4-1/2" 16.60#

BOP Equipment: 13-3/8" double Shaffer Type B
G.K. Hydril 12 - 900 w/40 gal. accum.

Mud: Clay Base

Earl B. Borden
Division Engineer

Condition of Hole

13-3/8" C 1230'

UNION OIL COMPANY

DRILLING REPORT

Well No. McGrath-McCormick No. 1

Field El Rio

County Ventura

Clyde Hall Drilling Co. (Contractor)

Sec. 26 T. 2N R. 22W S.B.B.M.

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA PAULA, CALIFORNIA

Date 1959	Depth	Drilled	REMARKS
4-23	940	940	Spudded at 11:30 P.M., April 23, 1959. Drilled 12-1/4" hole.
4-24	1620	680	Drilled 12-1/4" hole to 1000'. Drilled 9-7/8" hole to 1620'. Ran Welex electric log at 1620'. Reran 12-1/4" bit and opened 9-7/8" hole to 1227'. Opened 12-1/4" hole to 18-5/8" to 497'. Hit boulder. Reran 12-1/4" bit and shoved boulder to 1227'. Opened 12-1/4" hole to 18-5/8" to 1227' with 18-5/8" Smith 6-point hole opener.
4-25	1620	---	Ran 13-3/8" 48# H-40 casing to 1230'. Cemented through Baker guide shoe with 750 equivalent sax 1:1 Diamix and 300 sax construction cement. Last 150 sax treated 2% $CaCl_2$. Had good cement returns to surface. C.I.P. 12:00 Noon. Landed 13-3/8" casing on 12" S-900 Shaffer base. Tested base with 1500 psi. Installed B.O.E.
4-26	3960	2340	Tested B.O.E. with 1000 psi. Tested Kelly stop with 750 psi. Drilled 9-7/8" hole.
4-27 thru 5-4	7215	3255	Drilled 9-7/8" hole. Mud: 78 - 53 - 7 cc - 2/32 - 1% - 1400 psi.
5-5 thru 5-12	9133	1918	Drilled 9-7/8" hole. Mud: 76 - 57 - 7.2 cc - 2/32 - 1% - 1500 psi.
5-13 thru 5-20	10896	1763	Drilled 9-7/8" hole. Mud: 78 - 60 - 6.2 cc - 2/32 - 3% - 1500 psi.
5-21 and 5-22	11058 T.D.	162	Ran electric log, dipmeter, and sidewall sampler at 11058'. Left six sidewall sample cases in hole. Plugged with 30 sax at 2700': Hung 4-1/2" open-end drill pipe at 2700'. Pumped in 30 sax Colton construction cement treated with 3% $CaCl_2$ at 118#/cu.ft. C.I.P. 1:05 A.M. Stood cemented 3 hours. Plugged with 120 sax at 2600': Hung 4-1/2" open-end drill pipe at 2600'. Pumped in 120 sax Colton construction cement treated with 2% $CaCl_2$ at 120#/cu.ft. C.I.P. 5:25 A.M.
5-23	11058 T.D.		Found top of cement at 2361'. Witnessed and approved by Division of Oil and Gas.

Earl B. Brubaker
Division Engineer

UNION OIL COMPANY

DRILLING REPORT

Well No. McGrath-McCormick No. 1

Field El Rio

County Ventura

Clyde Hall Drilling Co. (Contractor)

Sec. 26 T. 2N R. 22W S.B.B.M.

Condition of Hole

13-3/8" C 1230'

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA PAULA, CALIFORNIA

Date 1959	Depth	Drilled	REMARKS
5-23	11058 T.D.	1202 Plug (Continued)	Plugged with 100 sax at 1250': Hung 4-1/2" open-end drill pipe at 1250'. Pumped in 100 sax Colton construction cement treated with 2% $CaCl_2$. C.I.P. 1:00 P.M. Found top of cement at 1202'. Witnessed and approved by Division of Oil and Gas. Contractor released at 8:00 P.M., May 23, 1959.
6-2 and 6-3	T.D. 11058	Plgd. to Surface	Cut off 13-3/8" casing 8' below ground level. Plugged from 49' to 12' with 3:1 cement sand slurry - set 3 hours. Filled to top of casing with same mix.
6-4	11058 T.D.	Plgd. to Surface	Plug was hard and had not settled. Welded 1/4" steel plate on top of 13-3/8" casing. Abandonment complete June 4, 1959.

Earl B. Borden
Division Engineer

Union Oil Company
McGrath-McCormick #1
Sidewall Samples

Ventura County
Del Norte Area
Section 26-2N/22W

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA PAULA, CALIFORNIA

SIDEWALL SAMPLES

Described by: E. A. Hall, H. R. Level - Union Oil Company
Bob Erickson - Standard Oil Company
Lowell Garrison - Western Gulf Oil Company

DEPTH	REC'D	DESCRIPTION
3618'	1"	Sand; gray, fine to medium-grained, clayey, slightly arkosic, fine mica, rare fine pink and green grains, ill-sorted, dirty, massive; estimate fair P.& P. NOSCF.
3870'	1½"	Sand; gray, clayey as above, fine-grained, but no coarse material, very dirty, fair to good sorting, micro-micaceous, looks tight. NOSCF.
3988'	1¼"	Sand; gray, very fine to fine-grained with scattered very coarse to granular size grains, very clayey, slightly arkosic, accessories similar to above, very dirty, fair to poor-sorting, fines are angular, coarse are rounded to subrounded, looks tight. NOSCF.
4018'	3/4"	Sand; as above, ranges from medium to very coarse, common granules, rare fine green and pink grains, rare shell fragments. NOSCF.
4030'	1¼"	Sand; grey, coarse to granular with abundant interstitial silt and clay, slightly arkosic, local pods of mica, rare pale green and rare shell fragments, slightly calcareous, very dirty, fair sorting, subround to rounded, looks tight. NOSCF.
4090'	No recovery.	
4230'	1-3/4"	Sand; gray, very fine to coarse, abundant interstitial clay, dirty, ill-sorted, looks tight, minor dark greens, rare greens and pinks. NS.
4400'	1¼"	Sand; as below with megafossil fragments and pebbles.
4640'	1¼"	Sand; gray (salt and pepper) fine to medium, soft, friable; estimate good P.& P. NS.
5390'	2"	Claystone; dark green-gray, silty. NS.
7182'	1"	Tar sand; black, as at 7241', faint dull-brown fluorescence, immediate dark amber bleeding cut.
7241'	½"	Tar sand; gray-black, fine-grained, silty; estimate fair P.& P. Sulfurous odor, no fluorescence, visible amber cut, very bright yellow cut-fluorescence.

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA PAULA, CALIFORNIA

7762'	1½"	Siltstone; green-gray, grading to fine sand. NS.
8100'	1½"	Siltstone; green-gray, finely sandy. NS.
8302'	½"	Sand; gray, fine to medium; estimate fair P.& P. NS.
8352'	No recovery.	
8402'	1¼"	Sand; as at 8421'. NS.
8421'	1"	Sand; grey-green, fine-grained, silty; estimate low P.& P. NS.
8560'	¼"	Sand; white-gray, fine to medium, soft, friable, silty; estimate fair P.& P. NS.
8676'	3/8"	Sand; as above, green-gray. NS.
8724'	3/4"	Sand; gray-green, medium to coarse, clean; estimate good P.& P. NS.
8765'	½"	Sand; white-gray, fine to medium, soft, friable, silty; estimate fair P.& P. NS.
8992'	½"	Oil sand; as at 8995', faint odor, even dull yellow fluorescence, visible light amber cut, bright-yellow cut-fluorescence.
8995'	3/4"	Oil sand; even tan staining, fine to medium,; estimate fair P.& P., even dull yellow fluorescence, fair gas odor. Somewhat residual visible bleeding cut, bright yellow cut-fluorescence
8998'	1¼"	Oil sand; even light-brown stain,fine-grained, soft, friable, silty; estimate fair P.& P., good gas odor, even dull yellow-brown fluorescence, immediate light-amber cut, bright-yellow cut-fluorescence.
9252'	½"	Sand; gray-green, coarse, pebbly; estimate fair P.& P. NS.
9302'	3/4"	Sand; as above. NS.
9378'	1"	Sand; gray-green, fine to medium, friable. NS.
9419'	¼"	Sand; gray-green, medium to coarse, friable; estimate fair P. & P. NS.
9452'	3/4"	Sand; gray-green with 50 to 60% spotty, light-tan oil-staining, medium to coarse-grained, silty; estimate fair P.& P., 70% yellow fluorescence, bright-yellow cut-fluorescence, very pale straw visible cut, faint fleeting odor.
9505'	3/8"	Sand; gray-green, fine-grained, soft, friable; estimate low to fair P.& P. NS.
9622'	1"	Sand; green-gray, fine to coarse, clayey, silty, friable; scattered green claystone fragments, no visible cut, no fluorescence, pale-yellow cut-fluorescence (faint).

DIVISION OF OIL AND GAS
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9662'	½"	Sand; green-gray, as above. NOSCF.
9678'	½"	Sand; gray, as above. NOSCF.
9715'	3/4"	Sand; gray-green, fine-grained, soft, friable; estimate low to fair P.& P. NS.
9738'	1"	Sand; as above.
9743'	3/4"	Sandy claystone; red-brown and green. NOSCF.
9764'	1"	Gray sand; fine to coarse, clayey, silty, friable, no visible cut, no fluorescence, very faint cut-fluorescence.
9774'	½"	Gray sand; as above.
9815'	3/4"	Gray sand; fine to coarse, silty, clayey, friable, faint odor, dull-brown fluorescence, no visible cut, with golden cut-fluorescence. NOSCF.
9835'	½"	Gray sand; as above. NOSCF.
9906'	½"	Gray sand; as above, fine to coarse, shows as above.
9921'	½"	Gray sand; as above, pebbly, shows as above.
9936'	½"	Gray sand; as above, no fluorescence, no visible cut, faint fluorescence cut.
10177'	3/4"	Red and green claystone, silty. NOSCF.
10180'	3/4"	Gray sand, as above, very spotty dull-brown fluorescence, very faint fluorescence cut.
10202'	3/4"	Gray sand; as above. NOSCF.
10207'	3/4"	Gray sand; as above.
*10220'	See page 4.	
10229'	3/4"	Green sand, very fine, silty, very clayey, very spotty dull-brown fluorescence, pale straw cut, bright-yellow fluorescence cut.
10315'	3/4"	Oil sand; green-gray with spotty light-tan stain, fine to coarse, clayey, silty, friable, good gas odor; even dull-gold fluorescence, fast medium-brown cut, bright yellow cut-fluorescence.
10384'	1"	Gray sand; fine to coarse, clayey, friable, faint odor, spotty dull-brown fluorescence, medium straw cut.
10395'	3/4"	Gray sand; fine to coarse, clayey, friable, very spotty dull-gold fluorescence (oil), medium straw cut.
10398'	1"	Gray sand; fine to pebbly, clayey, silty, friable, very spotty dull-gold fluorescence (oil), medium straw cut.

DIVISION OF OIL AND GAS
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JUN 15 1959
SANTA PAULA, CALIFORNIA

10416'	½"	Sand; green-gray with trace light-tan oil stain, fine, clayey, silty, friable, dull-golden spotty fluorescence, light straw visible slow cut.
10421'	1"	Sand; gray-green 40% patchy, light oil stain, medium to coarse, soft, friable, somewhat silty; fair to good P.& P. 40% patchy yellow-orange fluorescence, very pale straw visible cut, bright yellow cut-fluorescence.
10598'	1"	Sand; green-gray with spotty oil-staining, fine to medium-grained, clayey, silty, dull yellow-brown fluorescence.
10607'	3/4"	Oil sand and shale; oil sand, light-tan and green-gray, fine to medium-grained, friable, silty, clayey, spotty oil-staining 70%, good gas odor, dull-yellow fluorescence, bright, light-yellow fluorescence on cut. Shale, green-gray, clayey.
10609'	3/4"	Oil sand; light tan and green-gray, fine to medium-grained, friable, silty, clayey, spotty oil-staining 70%, good gas odor, dull-yellow fluorescence, bright light-yellow fluorescence on cut.
*10220'	3/4"	Sand; gray-green, medium-grained, silty, clayey, low to fair P.& P., soft, friable. NS.

ORM 153E

WELL NO. McGrath-McCormick No. 1

UNION OIL COMPANY

ABANDONING REPORT

Mt Rio (FIELD)

Ventura (COUNTY)

SEC. 26, T. 3N, R. 23W, S.B. B. & M.

Clyde Hall Drilling Co. (TOOLS)

(PERIOD ENDING)

CASING RECORD

DIVISION OF OIL AND GAS
RECEIVED
JUN 15 1959
SANTA BARBARA, CALIFORNIA

(NOTE INEFFECTIVE CASING)

NO. TOURS	DATE 1959	DEPTH	EFFECTIVE DEPTH	REMARKS
		11058' T.D.	Plugged to Surface	CONDITION OF HOLE: 13-3/8" @ 1230' Zero 10.6' above ground.

SPUDDED: April 23, 1959

ABANDONED: June 4, 1959

CHB:bdm

NAMES OF DRILLERS/HEAD WELL PULLERS:

Earl B. Foster

DISTRICT ENGINEER

MEMORANDUM OF TELEPHONE OR PERSONAL CONVERSATION

Operator Union Oil Co. of Cal. Well No. McGrath - McCormick #1

~~Field~~ Ventura Co. Sec, 26 T. 2N R. 22W, S.B. B. & M.

A ~~personal~~ telephone conversation was held, concerning the above well, with Mr. Carl Erdmiger for the above operator on 5/21/1959, at 4:30 P.M.

Details of the conversation were as follows:

Total depth - 11,200±

Casing record - 13 3/8" Cem 1230

Oil or gas showings - None

Results of tests - None

Stratigraphic markers -

Geologic age at bottom - Eocene

Base of fresh water - Unknown. Deeper than 1620'

Operator proposes the following work: Abandon

1- Mud pg. w/100' cement at fresh/salt interface to be determined by electric log measurements.

2- pg. w/c. 1270-1210'

3- pg w/c. 10' @ surf.

Additional requirements outlined:

Test of W.S.O. to be witnessed by D.O.G. at _____ by Operator at ____

Plugs to be located by D.O.G. at all plugs by Operator at _____

Notice to be filed immediately - (X) Yes ( ) Not necessary

Other data - _____

(Signed) _____

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 259-152

Mr. Carl B Bowden
P O Box 670
Santa Paula California
Agent for Union Oil Company of California

Santa Paula
May 26 1959 Calif.

DEAR SIR:

Operations at well No. "McGrath-McCormick" 1, Sec. 26, T. 2N, R. 22W, S.B. B & M.
Field, in Ventura County, were witnessed on May 23, 1959. Mr. C. H. Schultz representative of the supervisor was present from 8:50 a.m. to 9:30 a.m. There were also present V. H. McDowell and William Eklund, drilling foremen.

Present condition of well: 13 3/8" cem. 1230' T.D. 11058'. Plugged with cement 2700' - 2645'± and 2600' - 2361'.

The operations were performed for the purpose of plugging the hole in the process of abandonment.

Mr. Eklund reported:

1. The 9 7/8" hole was drilled from 5250' to 11,058' (total depth).
2. No commercial oil or gas shows were encountered in drilling the well.
3. The hole was left full of 78 lb. drilling fluid.
4. On May 23, 1959, 30 sacks of cement was pumped into the hole through 4½"drill pipe hanging at 2700' (calculated to fill to 2645'±).
5. On May 23, 1959, 120 sacks of cement was pumped into the hole through 4½" drill pipe hanging at 2600' filling to 2361'.

The engineer noted:

That the cement plug at the reported depth of 2361' supported 9 points of the weight of the drill pipe.

THE PLUGGING OPERATIONS AS REPORTED AND WITNESSED ARE APPROVED.

B
CC - W S Eggleston

E. H. MUSSER
State Oil and Gas Supervisor

By [signature] Deputy

89949 1-59 15M ② SPO

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 259-157

Mr. Carl B Bowden
P O Box 670
Santa Paula California
Agent for Union Oil Company of California

Santa Paula Calif.
May 29 1959

DEAR SIR:

Operations at well No. "McGrath-McCormick" 1, Sec. 26, T. 2N, R. 22W, S.B. B & M.
Field, in Ventura County, were witnessed on May 23, 1959. Mr. C. H. Schultz, representative of the supervisor was present from 3:30 p.m. to 4:10 p.m. There were also present V. H. McDowell and William Eklund, Drilling Foremen

Present condition of well: 13 3/8" cem. 1230'. T.D. 11,058'. Plugged with cement 2700'-2645', 2600'-2361' and 1250'-1202'.

The operations were performed for the purpose of plugging the hole in the process of abandonment.

Mr. Eklund reported: that on May 23, 1959, 100 sacks of cement was pumped into the hole through 4 1/2" drill pipe hanging at 1250', filling to 1202'.

The Engineer noted that the cement plug at the reported depth of 1202' supported 4 points of the weight of the drill pipe.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 1202' ARE APPROVED.

On June 8, 1959 Mr. William Lewis reported by telephone:

1. The hole was bridged with paper sacks 43' below the cellar floor
2. On June 3, 1959 a total of 96 cu ft. of sand and cement was dumped into the hole, setting the 13⅜" casing to the cellar floor, which is 8' below ground level.
3. A ½" steel plate was welded on the casing head.

CC W S Eggleston
k

E. H. MUSSER
State Oil and Gas Supervisor

By S. H. Rook Deputy

89949 1-59 15M ② SPO

FORM 111

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P 259-202

Mr. Carl B Bowden
P O Box 670
Santa Paula California
Agent for Union Oil Company of California

Santa Paula Calif.
May 26 1959

DEAR SIR:

Your proposal to abandon Well No. "McGrath-McCormick" 1,

Section 26, T. 2N, R. 22W, S.B. B. & M., - Field, Ventura County,

dated May 22, 1959 received May 26, 1959, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:
"THE PRESENT CONDITION OF THE WELL IS:
1. Total Depth: 11,058'
2. Complete casing record, including plugs:
13-3/8" C 1230

3. Last Produced: Never produced

ADDITIONAL DATA FOR DRY HOLE
4. Oil or Gas showings and results of tests: None
5. Stratigraphic markers and depths:

6. Geologic age at bottom: Sespe
7. Base of fresh water sands: 2550' "

PROPOSAL:
"THE PROPOSED WORK IS
1. Plug at 2600' with 100 sax.
2. Division of Oil & Gas to witness location of top of plug which must be above 2550'.
3. Plug at 1250' with 60 sax.
4. Division of Oil & Gas to witness location of top of plug which must be above 1210'.
5. Plug from 10' to surface with cement. Division of Oil & Gas to witness placement of plug."

DECISION:
THE PROPOSAL IS APPROVED.

Blanket Bond
SHR:b
CC - W S Eggleston

E. H. MUSSER, State Oil and Gas Supervisor

By S A Rock, Deputy

58444 7-57 60M SPO

FORM 108. 25462 10-55 25,550 ④ SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
MAY 26 1959
SANTA PAULA, CALIFORNIA

Notice of Intention to Abandon Well

This notice must be given at least five days before work is to begin; one copy only

Santa Paula Calif. May 22 19 59

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. McGrath-McCormick No. 1, Sec. 26, T. 2N,

R. 22W, S.B. B. & M., El Rio Field, Ventura County,

commencing work on May 22 19 59.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 11,058'

2. Complete casing record, including plugs:

13-3/8" C 1230

3. Last Produced Never produced
(Date) (Oil, B/D) (Water, B/D)

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:

None

5. Stratigraphic markers and depths:

6. Geologic age at bottom: Sespe

7. Base of fresh water sands: 2550'

THE PROPOSED WORK IS

1. Plug at 2600' with 100 sax.
2. Division of Oil and Gas to witness location of top of plug which must be above 2550'.
3. Plug at 1250' with 60 sax.
4. Division of Oil and Gas to witness location of top of plug which must be above 1210'.
5. Plug from 10' to surface with cement. Division of Oil and Gas to witness placement of plug.

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS
		✓	Blanket	✓	✓

P. O. Box 670 - Santa Paula
(Address)

Jackson 5-4422
(Telephone No.)

UNION OIL COMPANY OF CALIFORNIA
(Name of Operator)

By Carl B. Bowden
Carl B. Bowden, Division Engineer

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

FORM 109-D

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T 259-124

Mr. Carl B Bowden
P O Box 670
Santa Paula California

Santa Paula, Calif.
April 29, 1959

Agent for Union Oil Company of California

DEAR SIR:

Operations at well No. "McGrath-McCormick" 1, Sec. 26, T. 2N, R. 22W, S.B. B & M.
Field, in Ventura County, were witnessed on April 28, 1959. Mr. C. H. Schults, representative of the supervisor was present from 1:25 p.m. to 1:35 p.m. There were also present V. H. McDowell, drilling foreman and James Sailor, driller.

Present condition of well: 13 3/8" cem. 1230'. (Present depth) 5250'.

The operations were performed for the purpose of inspecting blowout prevention equipment and installation.

Mr. - - - reported:

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

CC W S Eggleston
U

E. H. MUSSER
State Oil and Gas Supervisor

By J. A. Rock Deputy

89949 1-59 15M ② SPO

FORM 111

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P 259-153

Mr. C E Smith
P O Box 670
Santa Paula California
Agent for Union Oil Company of California

Santa Paula Calif.
April 15 1959

DEAR SIR:

Your proposal to drill Well No. "McGrath-McCormick" 1

Section 26, T. 2N, R. 22W, S.B. B. & M., — Field, Ventura County,

dated Apr. 13, 1959, received Apr. 15, 1959, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"Legal description of mineral right lease, consisting of approx. 390 acres, is as follows: (see attached map).
Do mineral and surface leases coincide? Yes.
Location of Well: Approximately 1200 feet Northwesterly along lot line from NE cor. of Lot #88, Rancho Santa Clara del Norte: thence, 700 feet Southwesterly at right angles Sec. 26, T2N, R22W, S. B. B. & M., or approx: 200' S., 300' W., fr. N.E. Cor. Sec. 26.
Elevation of ground above sea level 94 feet ground datum.
All depth measurements taken from top of rotary table which is 10± feet above ground."

PROPOSAL:

"Size of Casing

PROPOSED CASING PROGRAM

Inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
13-3/8"	48#	H-40	Surface	1000'	1000'

Intended zone or zones of completion: Sespe (Name)

Estimated total depth 11,000'
It is understood that if changes in this plan become necessary we are to notify you before running casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. The 13 3/8" casing shall be cemented with sufficient cement to fill all of the space back of the casing.
2. The hole is, at all times, kept full of drilling fluid of proper weight and quality to prevent blowuts.
3. Adequate blowout prevention equipment shall be installed and maintained ready for use at all times.
4. Any hole penetrating an oil or gas zone, to be sidetracked, shall be plugged with cement insofar as possible.
5. A SUPPLEMENTARY NOTICE SHALL BE FILED prior to running any additional casing into the hole. OTHER requirements may be outlined at that time.

E. H. MUSSER, State Oil and Gas Supervisor

By Continued, Deputy

58444 7-57 60M SPO

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Report on Proposed Operations

No. P 259-153

Page 2

Union Oil Company of California ~~Company~~

Well No. "McGrath-McCormick" 1, Section 26, T. 2N, R. 22W, S.B. B. & M.,

6. Special cementing or plugging for the protection of fresh waters may be required at this well in the event of running casing, other than the 13 3/8", or of abandonment. THIS DIVISION SHALL BE CONSULTED in either case.
7. THIS DIVISION SHALL BE NOTIFIED TO INSPECT the blowout prevention equipment before drilling below 1200'.

Blanket Bond.

CC W S Eggleston

SHR/k

E. H. MUSSER, State Oil and Gas Supervisor

By L A Rook, Deputy

FORM 111X
77989 6-58 3M SPO

FORM 105

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice and surety bond must be filed before drilling begins

111-05802

DIVISION OF OIL AND GAS
RECEIVED
APR 15 1959
SANTA PAULA, CALIFORNIA

Santa Paula Calif. April 13 19 59

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. McGrath-McCormick ~~No.~~ 1, Sec. 26, T. 2N, R. 22W, S.B. B. & M., El Rio Area, ~~XXX~~, Ventura County.

Legal description of mineral right lease, consisting of approx. 390 acres, is as follows: (Attach map or plat to scale)

(see attached map)

Do mineral and surface leases coincide? Yes X No ____ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: ~~Approximately~~ 1200.14 feet Northwesterly (Direction) along lot line from NE cor of Lot #88, Rancho Santa Clara del Norte; thence, ~~700~~ 752.69 feet Southwesterly (Direction) at right angles Sec. 26, T2N, R22W, S.B.B.&M., or Approx: 200'S., 300'W. fr. NE. cor. Sec. 26, Ventura County, California

Elevation of ground above sea level 94.26 feet ground datum.

All depth measurements taken from top of rotary table (Derrick Floor, Rotary Table or Kelly Bushing) which is 10± feet above ground.

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
13-3/8"	48#	H-40	Surface	1000'	1000'

Intended zone or zones of completion: Sespe (Name) (Depth, top and bottom)

Estimated total depth 11,000'

MAP	MAP BOOK	CARDS	BOND	FORMS 114	FORMS 121
5HR	5HR	✓	Blanket	✓	✓

It is understood that if changes in this plan become necessary we are to notify you before running casing.

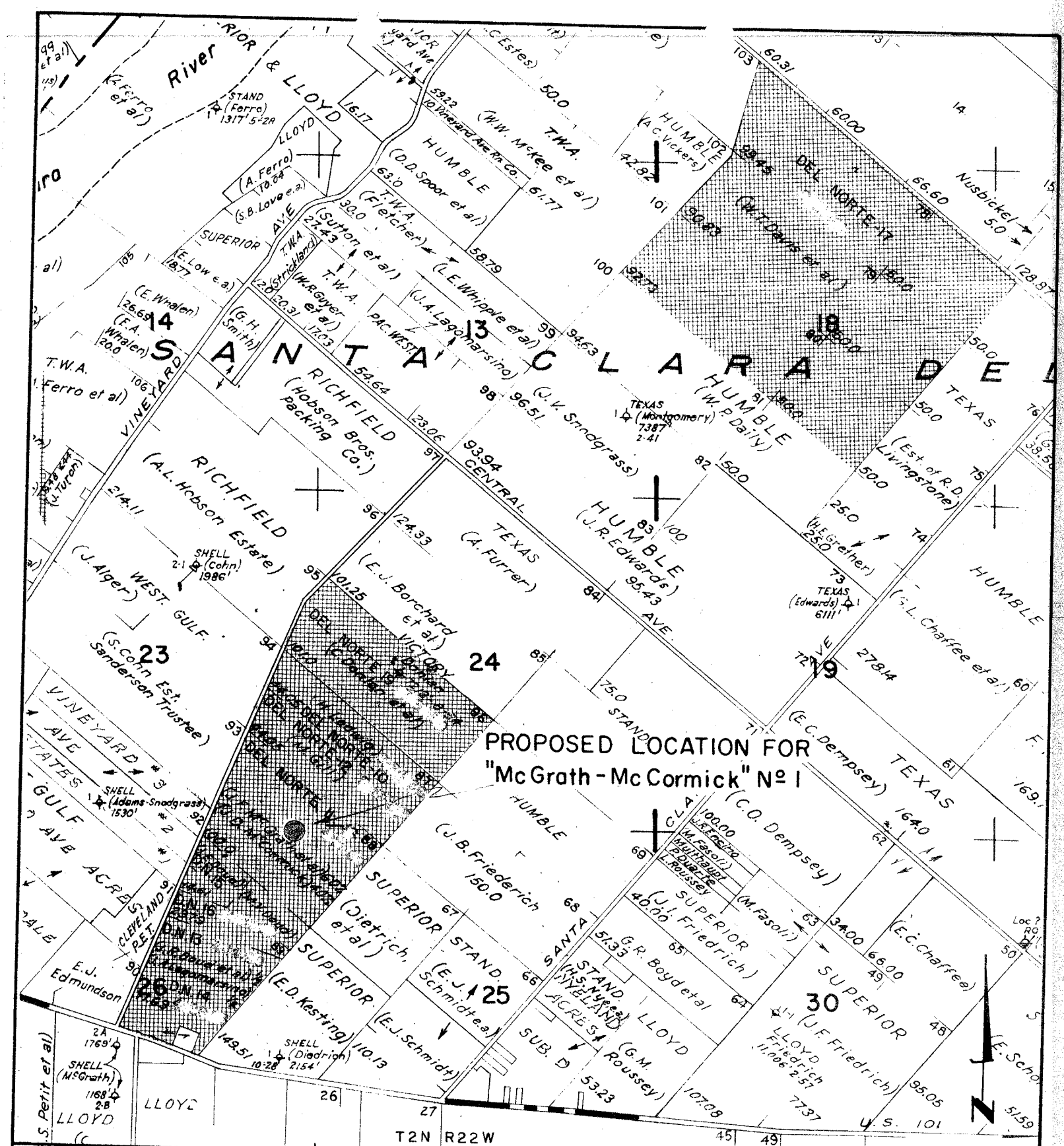
Address P. O. Box 670, Santa Paula, Calif.

Telephone Number Jackson 5-4422

Type of Organization (Corporation, Partnership, Individual, etc.)

UNION OIL COMPANY OF CALIFORNIA
(Name of Operator)

By Carl B. Bowden
Carl B. Bowden, Division Engineer

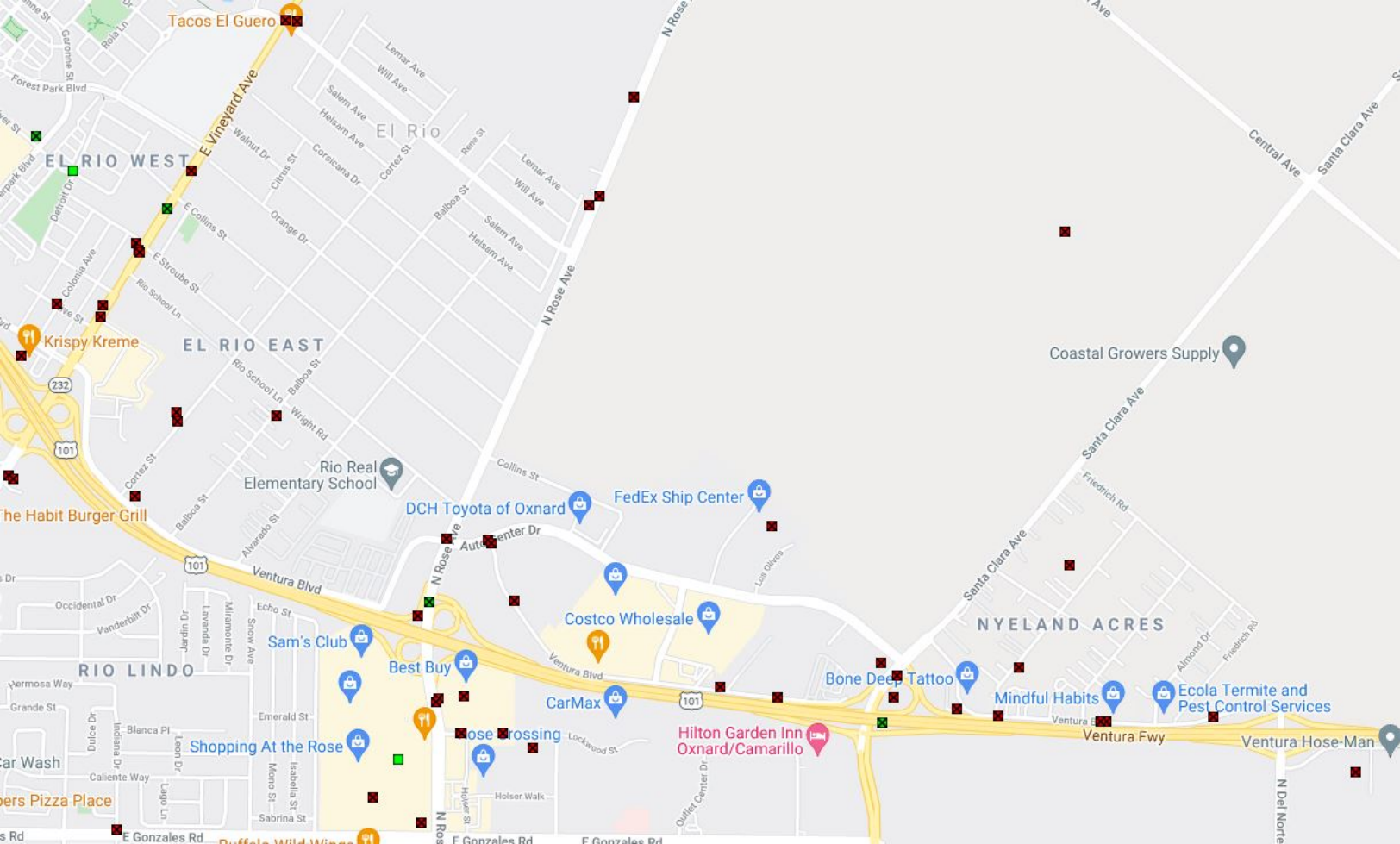


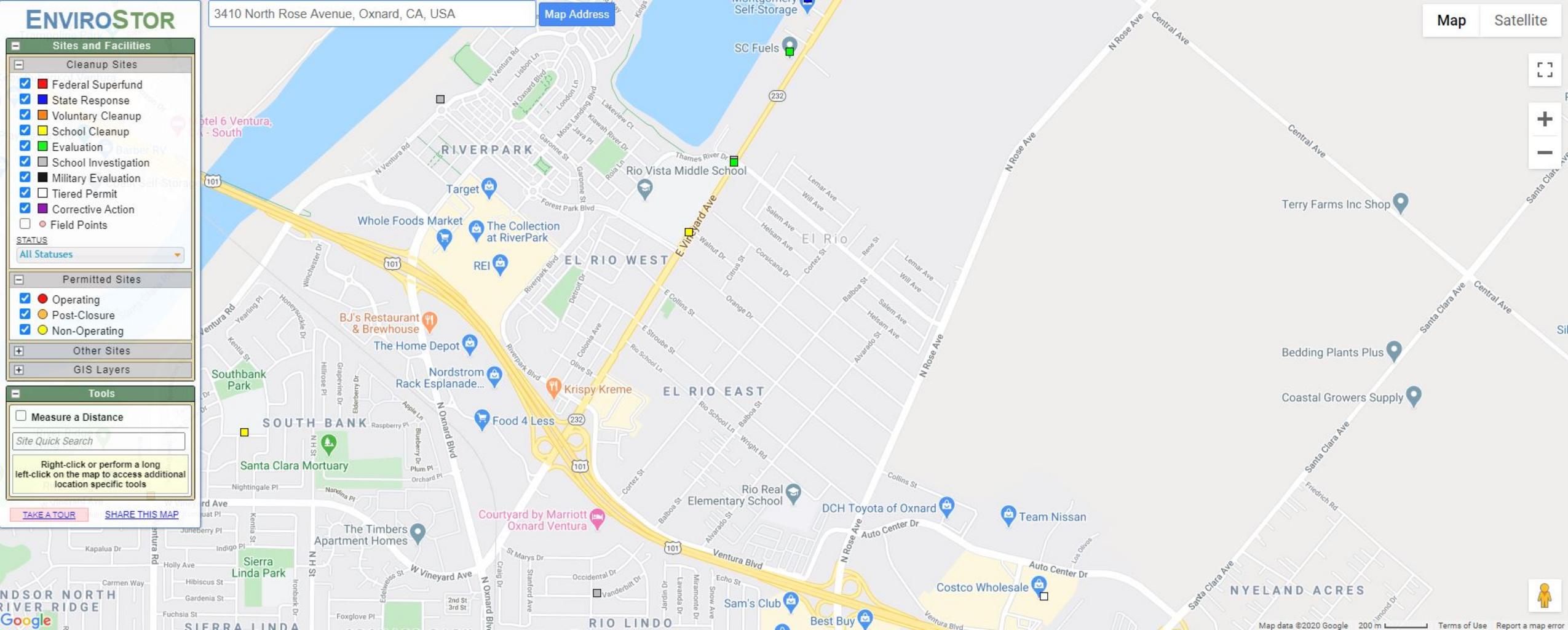
REVISIONS	
Date	By

DEL NORTE AREA

UNION OIL COMPANY OF CALIFORNIA

DRAWN	Lee (U.O. Land Map)
APP'D	C. B. B.
Scale	1" = 2000'
Date	4-8-59


Tacos El Guero
E Vineyard Ave
Forest Park Blvd
Lemar Ave
Will Ave
Salem Ave
Helsam Ave
El Rio
EL RIO WEST
Walnut Dr
Citrus St
Corsicana Dr
Cortez St
Rene St
Balboa St
N Rose Ave
Central Ave
Santa Clara Ave
Detroit Dr
E Collins St
Orange Dr
Colonia Ave
E Stroube St
Rio School Ln
Krispy Kreme
EL RIO EAST
232
101
Wright Rd
Coastal Growers Supply
Rio Real Elementary School
Collins St
Cortez St
Alvarado St
The Habit Burger Grill
DCH Toyota of Oxnard
FedEx Ship Center
Auto Center Dr
Los Olivos
Friedrich Rd
Ventura Blvd
Occidental Dr
Vanderbilt Dr
Echo St
Lavanda Dr
Miramonte Dr
Snow Ave
Costco Wholesale
Sam's Club
Best Buy
NYELAND ACRES
RIO LINDO
Vermosa Way
Grande St
Emerald St
CarMax
Bone Deep Tattoo
Mindful Habits
Ecola Termite and Pest Control Services
Almond Dr
Blanca Pl
Shopping At the Rose
Rose Crossing
Lockwood St
Hilton Garden Inn Oxnard/Camarillo
Ventura Fwy
Ventura Hose-Man
Caliente Way
Lago Ln
Leon Dr
Dulce Dr
Isabella St
Mono St
Holser Walk
Holser St
Outlet Center Dr
N Del Norte
Sabrina St
E Gonzales Rd


ENVIROSTOR
3410 North Rose Avenue, Oxnard, CA, USA
Map Address
Map
Satellite
Sites and Facilities
Cleanup Sites
Federal Superfund
State Response
Voluntary Cleanup
School Cleanup
Evaluation
School Investigation
Military Evaluation
Tiered Permit
Corrective Action
Field Points
STATUS
All Statuses
Permitted Sites
Operating
Post-Closure
Non-Operating
Other Sites
GIS Layers
Tools
Measure a Distance
Site Quick Search
Right-click or perform a long left-click on the map to access additional location specific tools
TAKE A TOUR
SHARE THIS MAP
RIVERPARK
EL RIO WEST
EL RIO EAST
SOUTH BANK
EL RIO
NYELAND ACRES
RIO LINDO
Rio Vista Middle School
Target
Whole Foods Market
The Collection at RiverPark
REI
BJ's Restaurant & Brewhouse
The Home Depot
Nordstrom Rack Esplanade...
Krispy Kreme
Food 4 Less
Southbank Park
Santa Clara Mortuary
Courtyard by Marriott Oxnard Ventura
The Timbers Apartment Homes
Sierra Linda Park
Rio Real Elementary School
SC Fuels
Terry Farms Inc Shop
Bedding Plants Plus
Coastal Growers Supply
DCH Toyota of Oxnard
Team Nissan
Costco Wholesale
Sam's Club
Best Buy
N Rose Ave
Central Ave
Santa Clara Ave
E Vineyard Ave
W Vineyard Ave
Ventura Blvd
Auto Center Dr
Riverpark Blvd
Forest Park Blvd
Thames River Dr
Map data ©2020 Google
200 m
Terms of Use
Report a map error



Legend

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines

500 m
1000 ft

Pipelines depicted on this map represent gas transmission and hazardous liquid lines only. Gas gathering and gas distribution systems are not represented.

This map should never be used as a substitute for contacting a one-call center prior to excavation activities. Please call 811 before any digging occurs.

Questions regarding this map or its contents can be directed to npms@dot.gov.

Projection: Geographic

Datum: NAD83

Map produced by the Public Viewer application at www.npms.phmsa.dot.gov

Date Printed: Jul 22, 2020

811 Know what's below. Call before you dig.

SEE MAP R13

SEE MAP Q14

SEE MAP S14

SEE MAP R15

ROSE
COLLINS
CITY OF OXNARD
VENTURA COUNTY
AUTO CENTER
VIA ESTRADA
ABANDONED
12" PVC
8" PVC
6" PVC
4" FIRE SERVICE
6"BP
1955-82A SHT # 3
1955-82A SHT # 1
1980-231A SHT# 28
90-231A SHT # 28
1987-187A SHT# 18
87-187 A SHT # 18
1987-187A SHT# 20
87-187 A SHT # 20
87-187 A SHT # 19,20
1987-187A SHT# 9
87-187 A SHT # 9
87-187 A SHT # 10
1987-187A SHT# 10
1989-21A SHT# 2
1987-187A SHT# 17
87-187 A SHT # 17
89-130A SHT # 6
89-130 A SHT # 6
1987-187A SHT# 8
87-187 A SHT # 8
87-187 A SHT # 16
1987-187A SHT# 16
2007-57A SHT # 7
R-14100
R-14101
R-14102
R-14103
R-14104
R-14105
R-14106
R-14107
R-14108
R-14109
R-14110
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S-14142
S-14143
S-14144
S-14145
S-14146
S-14147
S-14148
AV
BO
CCP
DHCD
Jnt
1227
2953
1277
2600
1350
2855
2860
2833
1511
1501
1531
1521
1611
1621
1631
1701
1600
1502

R-14	City of Oxnard	0 160 320 Feet	WATER ATLAS	CITY OF OXNARD CALIFORNIA	February 2021	N	FH: 20 WV: 50	R-14

This map is compiled by the City of Oxnard GIS Division, which is developed and operated solely for the convenience of the City. The map is for illustrative purposes only. The City does not warrant the accuracy of this map and no decision involving a risk of injury or economic loss should be made in reliance thereon.

SEE MAP R12

SEE MAP Q13

SEE MAP S13

42" UWCD

16" CCP

42" UWCD

16" CCP

90-231A
SHT # 28

ROSE AVE

8"

1123

VR. HIGHSCHOOL

3100

A

B

H-1

H-2

EL RIO
GYM

42" UWCD

16" CCP

R-13	City of Oxnard	0 160 320 Feet	WATER ATLAS	CITY OF OXNARD CALIFORNIA	March 2018	N	FH: 2 WV: 2	R-13

This map is compiled by the City of Oxnard GIS Division, which is developed and operated solely for the convenience of the City. The map is for illustrative purposes only. The City does not warrant the accuracy of this map and no decision involving a risk of injury or economic loss should be made in reliance thereon.

SEE MAP R14

DRAWING NUMBER 90-231A 26/38

DRAWING NUMBER

DRAWING NUMBER 90-231A 26/38

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA

STA. 283+00 MATCH LINE SEE SHEET No. 27

STA. 271+00 MATCH LINE SEE SHEET No. 25

TOP EL. = 95.01

STA. 279+75 - INSTALL 3" COMBINATION AIR/VAC VALVE

STA. 279+70 G.B. TOP EL. = 96.00

STA. 279+44 - INSTALL 4" BLOW-OFF

EXIST. 42" ϕ WATERLINE

EXIST. 10" WASTEWATER LINE

STA. 279+30 G.B. TOP EL. = 95.15

STA. 279+14.97 = STA. 279+00.00 ON 36" ϕ

TOP EL. = 96.00

INST. 36" B.F.V.

STA. 278+49.76

TOP EL. = 96.00

STA. 278+24.20 - INST. 16" B.F.V.

STA. 277+77.76 TOP EL. = 92.00

STA. 277+35.58 TOP EL. = 90.00

STA. 276+14.87

TOP EL. = 88.00

STA. 275+79.40

STA. 275+79.40 = STA. 275+00.00 AHEAD

STA. 273+05 - INST. 8" COMBINATION AIR/VAC VALVE W/4 GUARDPOSTS

STA. 273+00 G.B. TOP EL. = 97.80

STA. 272+70 G.B. TOP EL. = 93.08

STA. 272+30 - INST. ACCESS MH & BLOW-OFF

STA. 272+20 G.B. TOP EL. = 93.00

STA. 271+30 G.B. TOP EL. = 97.81

TOP EL. = 98.03

STA. 271+10 - 4" BLOW-OFF

APPROX. EXIST. GROUND ELEV OVER ℄ OF WATERLINE (TYP.)

TOP OF PIPELINE

S = 0.0030

S = 0.00000

S = 0.0031

S = 0.0025

S = 0.0000

S = 0.0023

S = 0.0026

WELD JOINTS

16" ϕ CMLC STEEL PIPE, CLASS 150

WELD JOINTS

36" ϕ CMLC STEEL PIPE, CLASS 150

EXIST. 30" WATERLINE

EXIST. 12" WATERLINE

WELD JOINTS

283 282 281 280 279 278 277 276 275 274 273 272 271

110 100 90

STA. 279+14.97
℄ 83°32'57" LT.
N 14,726.152
E 15,034.883

INSTALL 24" B.F.V. ϕ OPERATOR (7/36)

INSTALL 16" B.F.V. ϕ OPERATOR (7/36)

S 23°54'22" W

16" ϕ WATERLINE

42"W (ON ℄)

10"WW

12"W

40'

5'

STA. 279+75 - INSTALL 3" COMBINATION AIR/VAC (7/35) (7/37)

CAUTION: EXIST. 42" WATERLINE CONTRACTOR TO PROTECT IN PLACE

SIMON WAY

STA. 279+49.76
℄ 90°01'07" RT.
N 14,712.066
E 15,066.683

INSTALL 36" B.F.V. ϕ OPERATOR (7/36)

FUTURE 24" ϕ WATERLINE (BY OTHERS)

SEE TEE DETAIL (2/33)

36" ϕ WATERLINE

S 66°06'45" E

STA. 279+44 - INSTALL 4" BLOW-OFF PER CITY OF OXNARD STD. PLATE NO. 307

ROSE AVENUE

NEW 36" LINE MOVED 4' TO CLEAR EXIST. GAS LINE (2)

CAUTION: EXIST. GAS LINE. TAKE SPECIAL PRECAUTIONS

EXISTING R/W

S 22°26'12" W

STA. 273+05 - INST. 8" COMBINATION AIR/VAC VALVE W/4 GUARDPOSTS NO. GUARDPOSTS (7/35) (7/37)

30"W

3"G

STA. 272+30 - INSTALL ACCESS MH & BLOW-OFF (5/35)

STA. 271+00 MATCH LINE SEE SHEET No. 25

16" WATERLINE

FUTURE 24" WATERLINE (BY OTHERS)

36" WATERLINE

ROSE AVENUE

NOTE:

1. VERTICAL TRENCH REQUIRED BETWEEN STA. 214+80 AND 204+40

REGISTERED PROFESSIONAL ENGINEER CHRIS A. HOOKER Exp. 3/31/92 No. 42276 CIVIL STATE OF CALIFORNIA

SCALE IN FEET

0 40 80 120 160

4 3 2 1 0

BOYLE ENGINEERING CORPORATION
CONSULTING ENGINEERS / ENGINEERS
5851 THILLE ST. VENTURA, CA 93003

Chris A. Hooker 10/23/91
CHRIS A. HOOKER RCE 42276 EXP 3-31-92 DATE

MARK	DATE	DESCRIPTION	BY
1	10/92	REVISED P/ COUNTY	LB
2	3/92	AS-BUILT	

REVISIONS

APPROVAL RECOMMENDED BY:
Len Palomares 3/26/92
RCE 41743 EXP. 3/31/92 DATE

DATE

CITY OF OXNARD, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS

DEL NORTE PIPELINE
PLAN & PROFILE STA. 271+00 TO STA. 283+00

REVIEWED BY: ASST PUBLIC WORKS DIR RCE 26099 EXP 3/31/92 DATE

REVIEWED BY: Seymour L. Wong 3-23-92
PUBLIC WORKS DIR RCE 15337 EXP 3/31/93 DATE

SCALE HORIZ. 1" = 40' VERT. 1" = 4'

SHEET NO 26 OF 38

DRAWN BY BGR

CHECKED BY CAR

DRAWING NUMBER 90-231A

Photogrammetry by PHOTO GEODETIC CORPORATION

pr24

CHARLES BRUNING COMPANY, INC.
BRUNING-BLUEPRINT-DRAFTING

STA. 0+67 BLOW-OFF
BEGIN SCHEDULE 1
O.G.
30" PIPE
s=+.01103
EL. 94.75
58.92'
180°
Sta. 0+71.00
El. 94.10
EAST MANIFOLD LINE
95.15'
O.G.
ECCENTRIC TAPERS
STA. 0+39-2" NOZZLE
30" PIPE
s=+.00683
EL. 94.75
Sta. 0+88.00
El. 94.10
BEGIN SCHEDULE 1
PROFILES
SOUTH MANIFOLD LINE
Sta. 133+86.75
El. 94.75
STA. 133+94-2" NOZZLE & RT.
6" HOT TAP & VALVE-RT.
STA. 135+06.53
ACCESS MANIFOLD-LT.
DEL NORTE BLENDING STATION CONNECTION
20" BFV (MAR. 1993)
ECCENTRIC TAPER 30"x42"
Sta. 134+64.53 A.P. Δ=45°0'RT.
Level
Sta. 134+70
El. 96.62
30" PIPE s=+.0253
Sta. 134+00
El. 94.75
42" PIPE
s=-.003810
Ref. LR-TL-3 P.18
Set Mon. 2"x15" PIPE for B.P.
In Conc. 8" Sub of Pvmt. El. 102.44
Set 2"X22" Top of Mon. 6" above
Surf. Painted Orange.
R.P. 30' Lt. Fwd. Tan. R.P. Spike & Pvmt.- 28.72'
R.P. N 45 in Euc. tree Rt.- 33.47'
STA. 141+19.88
8" NOZZLE/BF-RT.
Ref. LR-TL-3 P.19
Set Mon. 2"x11" PIPE for B.P.
8" Sub of Pvmt. El. 100.41
Set 2"X 25" Pipe top of Mon.
6" Above Surf. Painted Orange
R.P. 1" LP-2" Sub Surf. 11.66' Lt. S.W.
R.P. N 83 in tree 44.42' N.E.
R.P. N 45 in Euc. tree 58.28' S.E.
Edge of existing pavement
Bottom of existing ditch on ℄
Sandy Silt
Elev. 92.60
Sta. 145+00
42" PIPE
s=-.002100
100 PSI. MIN. DESIGN PRESSURE
SCHEDULE 1
Sta. 148+92
STA. 148+92-8" NOZZLE/BF-RT.
VINEYARD ESTATES MUTUAL CONNECTION (AUG. 1990)
4" METER
Sta. 153+48.87
4" HOT TAP & VALVE-LT.
Sta. 155+00.95 - ACCESS MANHOLE
Elev. 89.66
Sta. 159+00
Sta. 159+00
100
90
80
135
140
145
150
155

Sta. 0+71.00 E. Line
STA. 0+67 BLOW-OFF TYPE A
14.00'
6.95'
30" Dia.
Flow
Sta. 0+00 E. Manifold
STA. 133+94-2" NOZZLE OUTLET RT. ON HORIZ. DIA.
STA. 133+86.75
30" SPECIAL WYE.
Provide conc. anchor.
Sta. 134+64.53
A.P. Δ=45°0'RT
Weld all Joints between 24" Gate valve structures & Sta. 135+00
135+06.53 = ACCESS MANHOLE
DITCH (ROSE)
Sta. 0+00 So. Manifold
ECCENTRIC TAPER 30"x42"
SEE DETAIL
24" GATE VALVE STRUCTURES. FOR DETAILS SEE DWG. OH-100-34
STA. 0+39-2" NOZZLE LT. ON HORIZ. DIA.
Sta. 0+79.42
A.P. Δ=17°13'10" Lt.
Sta. 0+88.00 So. Line
STA. 133+89 BLOW-OFF TYPE A
STA. 134+70 ± 3" AIR VACUUM & AIR RELEASE VALVE. FOR DETAILS SEE DWG. OH-100-36
STA. 133+86.75
30" SPECIAL WYE
6" NOZZLE & PRESSURE RELIEF VALVE. FOR DETAILS SEE DWG. OH-100-38
MANIFOLD CONNECTION DETAILS (SEE ALSO DWG. OH-100-38
BEGIN SCHEDULE 1.
Sta. 0+88.00 Manifold South Line
Sta. 0+71.00 Manifold East Line
JOIN TO EXISTING 30" MANIFOLD LINES
Sta. 139+99.09
A.P. 44°28' Rt.
Walnut Orchard
12' Dirt Driveway
Top of Valve in Stand Pipe
Eucalyptus
Power Pole
Pavement starts Sta. 148+00
CORSICANA DR.
Lemons
Sta. 150+74.32 ℄ Corsicana Dr.
Sta. 153+48.87 4" Hot Tap & Valve Rio Del Valle Middle School (42' Rt.) (May 1993)
Walnut
Orchard
Sta. 155+31.87 ℄ Walnut Dr.
ROAD (AVENUE)
Sta. 159+00
WALNUT DR.
Sta. 155+00.95 ACCESS MANIFOLD
ALINEMENT
2 Sta. 149+25.77 4" METER VINEYARD ESTATES MUTUAL
PROFILE

Conc. T.O. Box
24" C.M. Pipe Inv. El. 93.2
Sta. 163+14
Rock Lining
Sta. 163+27
Sta. 162+32
Sta. 162+24
Sta. 162+10
STA. 165+63.63 8" NOZZLE/BF-RT.
Sta. 172+60 6" Hot Tap & Valve
STA. 174+95.03 ACCESS MANIFOLD-LT.
Edge of existing pavement
Bottom of existing ditch on ℄
24" C.M. Pipe Inv. El. 89.7
Sta. 175+80
Conc. T.O. Box
Elev. 84.98 Sta. 177+00
s=-.002600
42" PIPE
s=-.004000
100 PSI. MIN. DESIGN PRESSURE
SCHEDULE 1
Sta. 182+00 Elev. 82.98
Sta. 159+00 Elev. 89.66
Sta. 159+00
100
90
80
160
165
170
175
180

EXPLANATION
(SIZE) Outlet nozzle
(SIZE) Outlet nozzle & turnout structure
(A) Air valve
(M) Manhole
Blow-off & drain
(P) Pressure relief outlet
Buried gate valve
Gate valve structure
Casing pipe

NOTES
Elevations on pipe line refer to invert of pipe, unless otherwise shown.
For details of manholes see Dwg. OH-100-37
For details of Conc. anchors see Dwg. OH-100-35

Sta. 159+98.85 ℄ Orange Dr.
Walnuts
Lemons
Existing T.O. box and Rock Lining to be removed
DITCH (ROSE)
Sta. 159+00
ORANGE DR.
POT 162+00
℄ 24" C.M. pipe Sta. 162+10
COLLINS ST.
Sta. 165+60.96 ℄ Collins St.
Eucalyptus
Power Pole
STROUBE ST.
Sta. 172+47.04 ℄ Stroube St.
Sta. 172+60 6" Hot Tap & Valve Service to Rio Real School (June 1996) See OH-100-152
ALINEMENT
PROFILE
STA. 174+95.03 ACCESS MANIFOLD
Existing T.O box to be removed
Lemons
ROAD
Sta. 182+00
Eucalyptus
Lemon Grove
℄ 24" C.M. pipe Sta. 175+80

PIPELINE RELOCATION PER ROSE AVE INTERCHANGE PROJECT. APPROX. STA. 179+10 TO STA. 196+20 SEE DWG. OH-100-157 THRU OH-100-166. 3 (1997).

			DEL NORTE BLEND. CONNECTION @ 135+06 4" SERVICE @ 149+26.77 6" HOT TAP @ 172+60
2	5-31-01	JDG	4" SERVICE @ 153+48.81
—	Oct '75	EOB	Tracing reproduced and updated
1	5-3-96	O.S.B.	AS BUILT REVISION
3	7-16-01	JDG	ROSE INT. FWY RELOC.
Mark	No. Date	By	Appvd

UNITED WATER CONSERVATION DISTRICT
SANTA PAULA, CALIFORNIA
LOWER RIVER DIVISION
OXNARD-PORT HUENEME LINE
ALINEMENT-PROFILE
STATION 133+86.75 TO STA. 182+00
SHEET 1 OF 8
DESIGNED RLS SUBMITTED
DRAWN TLH-LRS APPROVED
CHECKED E.O.B. DATE 8-10-55 CIVIL ENGINEER
OH-100-23

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations tables in the Flood Insurance Study report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations tables should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Universal Transverse Mercator (UTM) zone 11. The **horizontal datum** was NAD 83, GRS80 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

Spatial Reference System Division
National Geodetic Survey, NOAA
Silver Spring Metro Center
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3191

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713-3242**, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on this FIRM was derived from U.S. Geological Survey Digital Orthophoto Quadrangles produced at a scale of 1:12,000 from photography dated 1994 or later.

This map reflects more detailed and up-to-date **stream channel configurations** than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to confirm to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on this map.

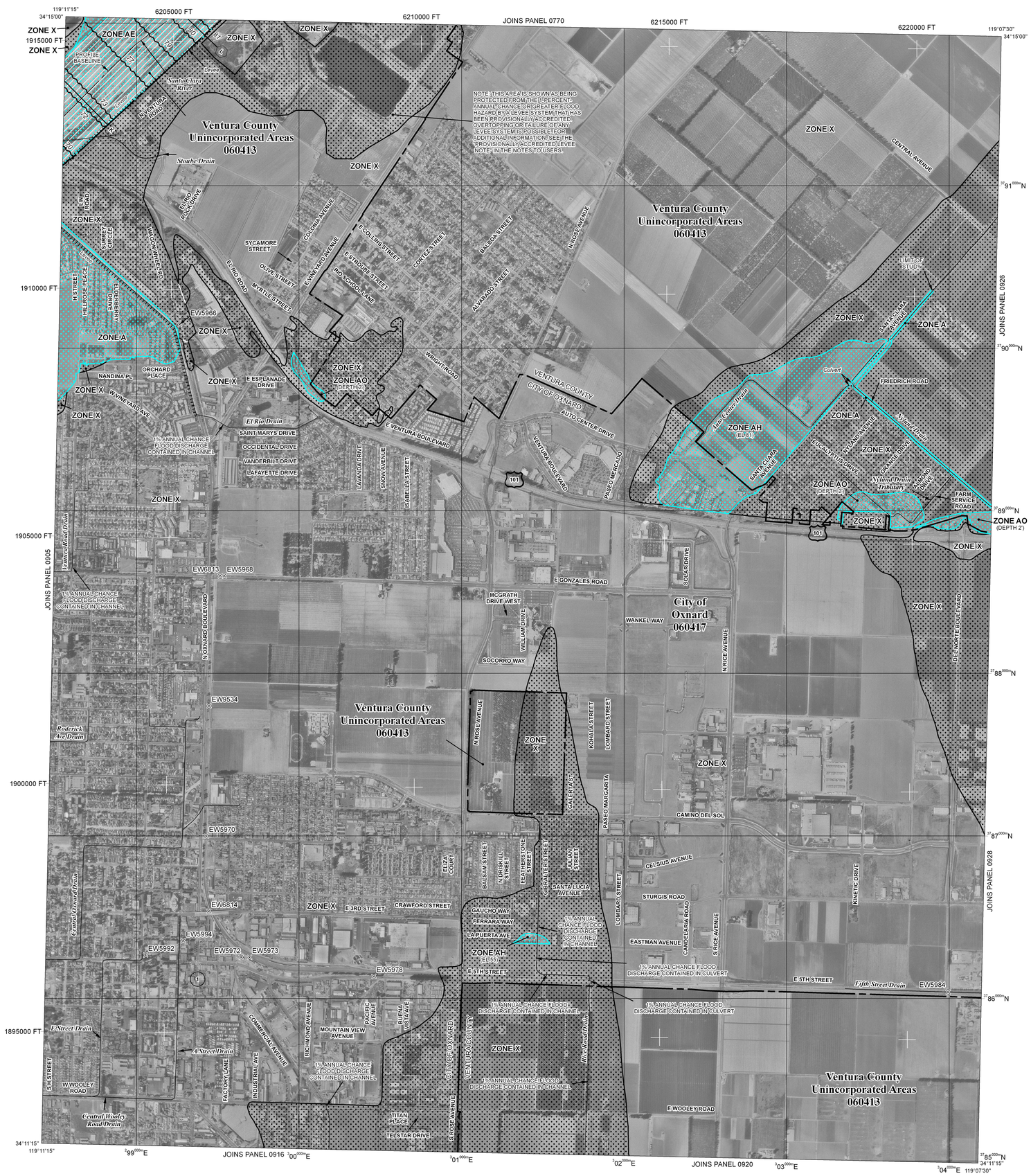
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the **FEMA Map Service Center** at 1-800-358-9616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-9620 and its website at http://www.mcs.fema.gov.

If you have **questions about this map** or questions concerning the National Flood Insurance Program in general, please call **1-877-FEMA MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov.

Provisionally Accredited Levee Notes to Users: Check with your local community to obtain more information, such as the estimated level of protection provided (which may exceed the 1-percent-annual-chance level) and Emergency Action Plan, on the levee system(s) shown as providing protection for areas on this panel. To maintain accreditation, the levee owner or community is required to submit the data and documentation necessary to comply with Section 65.10 of the NFIP regulations by December 1, 2009. If the community or owner does not provide the necessary data and documentation or if the data and documentation provided indicate the levee system does not comply with Section 65.10 requirements, FEMA will revise the flood hazard and risk information for this area to reflect de-accreditation of the levee system. To mitigate flood risk in residual risk areas, property owners and residents are encouraged to consider flood insurance and floodproofing or other protective measures. For more information on flood insurance, interested parties should visit the FEMA Website at http://www.fema.gov/business/nfip/index.shtm.



LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X — Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D — Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

- 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
- 513 — Base Flood Elevation line and value; elevation in feet*
- (EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

- A — A — Cross section line
- 23 — — — 23 — Transect line
- 87°07'45", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
- 2976000mN — 1000-meter Universal Transverse Mercator grid values, zone 11
- 600000 FT — 5000-foot grid ticks: California State Plane coordinate system, zone V (FIPSZONE 0405), Lambert Conformal Conic projection
- DX5510 × — Bench mark (see explanation in Notes to Users section of this FIRM panel)
- ●M1.5 — River Mile

MAP REPOSITORY
Refer to listing of Map Repositories on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP
January 20, 2010

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your Insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 1000'
500 0 1000 2000 FEET
300 0 300 600 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0910E

FIRM
FLOOD INSURANCE RATE MAP

VENTURA COUNTY, CALIFORNIA
AND INCORPORATED AREAS

PANEL 910 OF 1275
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

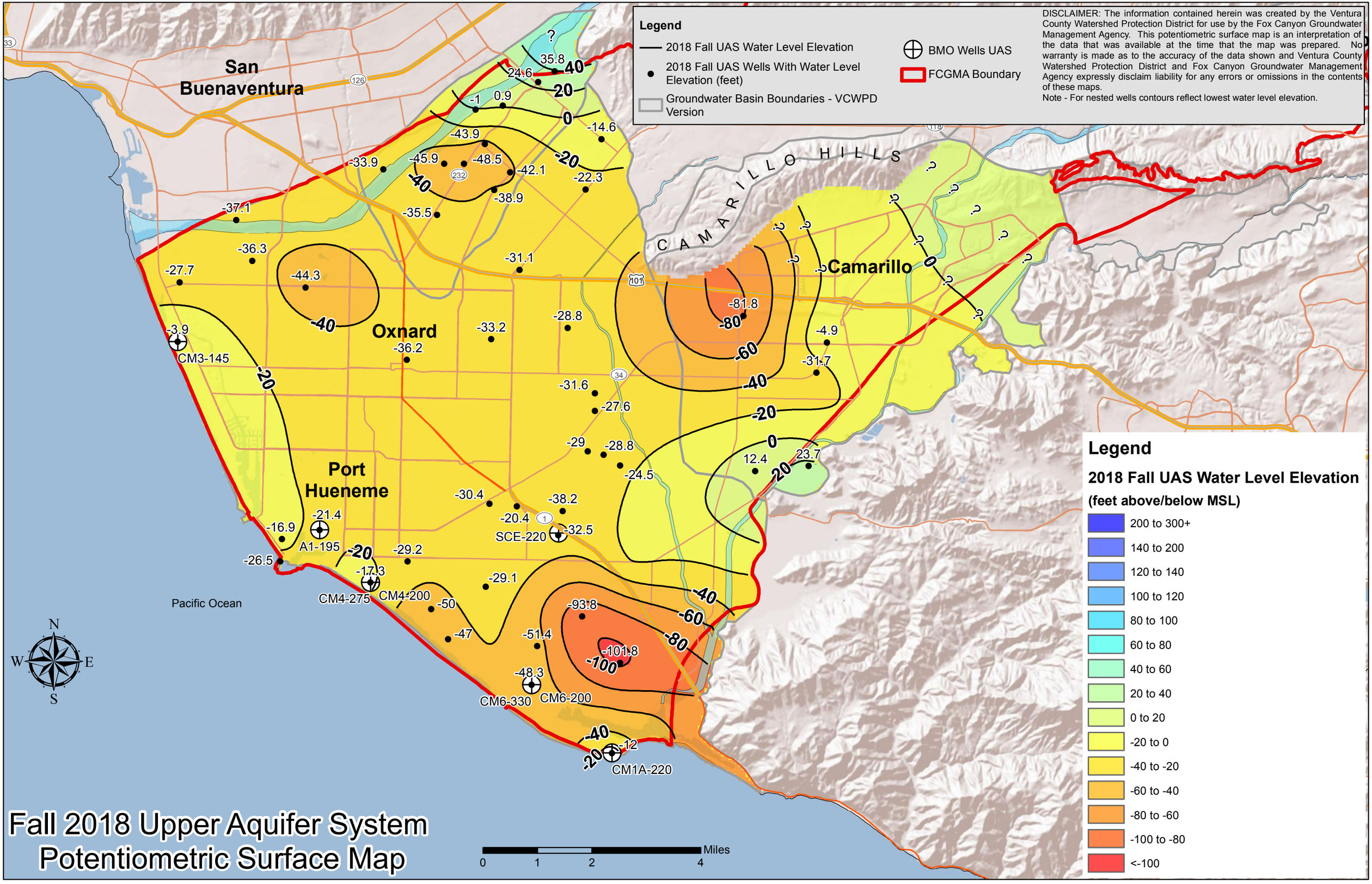
COMMUNITY	NUMBER	PANEL	SUFFIX
OXNARD, CITY OF	060417	0910	E
VENTURA COUNTY	060413	0910	E

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06111C0910E

EFFECTIVE DATE
JANUARY 20, 2010

Federal Emergency Management Agency



Fall 2018 Upper Aquifer System Potentiometric Surface Map

U.S. Fish and Wildlife Service

National Wetlands Inventory

NFWS Map of Sites



August 4, 2020

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Wetlands Inventory (NWI)
This page was produced by the NWI mapper

Rose Ranch Pesticide Use September 2015 through August 11, 2020

Permit #	Permitee	Site ID	Site Location	Site Name	Meridian	Township	Range	Section	Application Date	Application Time	Commodity Code	Commodity	Pre-plant	Planted Amount	Planted Units	EPA Reg No	Product Name	Quantity Used	Quantity Units	Treated Amount	Treated Units	Appl. Method	Applicator Name	Applicator License #
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	9/2/2015	2:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	51517-9-AA	SUPPRESS EC	63.0000	Gallon	28.0000	ACRES	Ground	CROP PRODUCTION SERVICES	37365
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	9/12/2015	3:25 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	51517-9-AA	SUPPRESS EC	1,728.0000	Ounce	6.0000	ACRES	Ground	CROP PRODUCTION SERVICES	37365
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/16/2015	10:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70299-12-ZA	OXIDATE 2.0	30.0000	Gallon	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/17/2015	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70299-12-ZA	OXIDATE 2.0	9.0000	Gallon	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/18/2015	1:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	73314-1-AA	ACTINOVATE SP	360.0000	Ounce	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/18/2015	1:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	180.0000	Ounce	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/18/2015	1:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	30.0000	Ounce	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/18/2015	1:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	72-50022-AA	MILLER NU FILM P	30.0000	Ounce	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/8/2015	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	180.0000	Ounce	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/8/2015	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	240.0000	Ounce	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/8/2015	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	90.0000	Pounds	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/8/2015	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	72-50022-AA	MILLER NU FILM P	240.0000	Ounce	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/8/2015	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	45.0000	Pounds	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/11/2015	10:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	73314-1-AA	ACTINOVATE SP	252.0000	Ounce	21.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/11/2015	10:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	21.0000	Ounce	21.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/12/2015	4:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	300.0000	Ounce	50.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/12/2015	4:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	50.0000	Ounce	50.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/12/2015	4:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	72-50022-AA	MILLER NU FILM P	50.0000	Ounce	50.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/20/2015	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	180.0000	Pounds	30.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/29/2015	7:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	160.0000	Ounce	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/29/2015	7:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	72-50022-AA	MILLER NU FILM P	160.0000	Ounce	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/29/2015	7:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	120.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/9/2015	12:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	480.0000	Ounce	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/9/2015	12:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	72-50022-AA	MILLER NU FILM P	480.0000	Ounce	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/9/2015	12:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	84059-3-AA	REGALIA	60.0000	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	1/21/2016	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70299-2-AA	OXIDATE	80.0000	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	1/23/2016	10:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	400.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	1/29/2016	6:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70299-2-AA	OXIDATE	25.0000	Gallon	25.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	1/30/2016	10:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70051-2-AA	TRILOGY	62.5000	Gallon	50.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	2/8/2016	6:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70051-2-ZB	TRILOGY	10.0000	Gallon	5.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	2/14/2016	2:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	240.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	2/23/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	240.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	3/9/2016	1:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	67702-2-AA-70051	CUEVA FUNGICIDE CONCENTRATE	120.0000	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	3/17/2016	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	240.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	3/25/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	67702-2-AA-70051	CUEVA FUNGICIDE CONCENTRATE	120.0000	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/11/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	240.0000	Pounds	80.0000	ACRES	Ground	Grower Applied	
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/17/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	3.7500	Gallon	80.0000	ACRES	Ground	Grower Applied	
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/17/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	2.5000	Gallon	80.0000	ACRES	Ground	Grower Applied	
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/17/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	320.0000	Pounds	80.0000	ACRES	Ground	Grower Applied	
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/17/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	84059-3-AA	REGALIA (CA)	40.0000	Gallon	80.0000	ACRES	Ground	Grower Applied	
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/24/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	3.7500	Gallon	80.0000	ACRES	Ground	Grower Applied	
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/24/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	2.5000	Gallon	80.0000	ACRES	Ground	Grower Applied	
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/24/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	240.0000	Pounds	80.0000	ACRES	Ground	Grower Applied	
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/24/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI(R) BIOLOGICA	160.0000	Pounds	80.0000	ACRES	Ground	Grower Applied	
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	6/7/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	67702-2-AA-70051	CUEVA FUNGICIDE CONCENTRATE	75.0000	Gallon	50.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	6/17/2016	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	120.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	6/17/2016	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	2.5000	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	6/17/2016	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	240.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	6/17/2016	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	1021-1772-AA	PYGANIC CROP PROTECTION EC 5.0 II	8.7500	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/1/2016	9:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	3.7500	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/1/2016	9:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	1.0000	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/1/2016	9:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	72-50022-AA	MILLER NU FILM P	1.0000	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/12/2016	11:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	160.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	11/12/2016	11:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	160.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/2/2016	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	1.0000	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/2/2016	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	160.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/2/2016	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	90930-50022-AA	MILLER NU FILM P	1.0000	Gallon	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/2/2016	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	160.0000	Pounds	80.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/12/2016	5:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	67702-2-AA-70051	CUEVA FUNGICIDE CONCENTRATE	8.0000	Gallon	8.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/12/2016	10:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	0.7000	Gallon	60.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/12/2016	10:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	120.0000	Pounds	60.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/12/2016	10:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	90930-50022-AA	MILLER NU FILM P	0.7000	Gallon	60.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/12/2016	10:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	120.0000	Pounds	60.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	12/13/2016	9:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	67702-2-AA-70051	CUEVA FUNGICIDE CONCENTRATE	60.0000	Gallon	60.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	1/14/2017	11:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	40.0000	Pounds	8.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	1/16/2017	10:00 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	67702-2-AA-70051	CUEVA FUNGICIDE CONCENTRATE	144.0000	Gallon	72.0000	ACRES	Ground		
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	2/14/2017	3:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	67702-2-AA-70051	CUEVA FUNGICIDE CONCENTRATE	160.0000	Gallon	80.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	3/26/2017	1:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	67702-2-AA-70051	CUEVA FUNGICIDE CONCENTRATE	160.0000	Gallon	80.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/7/2017	3:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	67702-2-AA-70051	CUEVA FUNGICIDE CONCENTRATE	80.0000	Gallon	80.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/16/2017	4:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	34704-50081-AA	LEAF LIFE WIDESPREAD ORGANIC	5.0000	Gallon	80.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/16/2017	4:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	240.0000	Pounds	80.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/16/2017	4:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	90930-50022-AA	MILLER NU FILM P	3.7500	Gallon	80.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/16/2017	4:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	160.0000	Pounds	80.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/30/2017	5:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	2.5000	Gallon	80.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/30/2017	5:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	240.0000	Pounds	80.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/30/2017	5:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	160.0000	Pounds	80.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/12/2017	1:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	2.9500	Gallon	63.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/12/2017	1:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	1.9700	Gallon	63.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/12/2017	1:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70051-9-AA	NEEMIX 4.5 BOTANICAL AGRICULTURAL INSECTICIDE	7.8800	Gallon	63.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/12/2017	1:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	1021-1772-AA	PYGANIC CROP PROTECTION EC 5.0 II	7.8800	Gallon	63.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/21/2017	4:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	1.9700	Gallon	63.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/21/2017	4:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	189.0000	Pounds	63.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/21/2017	4:00 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	126.0000	Pounds	63.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/3/2017	11:40 PM	13024-0	SPINACH	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	0.2000	Gallon	2.5000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/3/2017	11:40 PM	13024-0	SPINACH	No	80.0000	ACRES	90930-50022-AA	MILLER NU FILM P	0.1200	Gallon	2.5000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/3/2017	11:40 PM	13024-0	SPINACH	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	5.0000	Pounds	2.5000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/11/2017	1:45 AM	13024-0	SPINACH	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	0.3900	Gallon	5.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/11/2017	12:30 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	0.4700	Gallon	10.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	10/11/2017	12:30 AM	1016-0	STRAW

Rose Ranch Pesticide Use September 2015 through August 11, 2020

Permit #	Permitee	Site ID	Site Location	Site Name	Meridian	Township	Range	Section	Application Date	Application Time	Commodity Code	Commodity	Pre-plant	Planted Amount	Planted Units	EPA Reg No	Product Name	Quantity Used	Quantity Units	Treated Amount	Treated Units	Appl. Method	Applicator Name	Applicator License #
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	2/4/2018	2:55 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	94.0000	Pounds	47.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	2/8/2018	8:10 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70299-2-AA	OXIDATE	15.0000	Gallon	15.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	2/10/2018	2:30 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	1.1000	Gallon	47.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	2/10/2018	2:30 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	141.0000	Pounds	47.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	2/10/2018	2:30 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	94.0000	Pounds	47.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	3/9/2018	12:20 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70299-2-AA	OXIDATE	22.5000	Gallon	15.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	3/30/2018	1:10 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70299-2-AA	OXIDATE	60.0000	Gallon	60.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/14/2018	8:20 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	1.4500	Gallon	62.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/14/2018	8:20 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	186.0000	Pounds	62.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/14/2018	8:20 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	124.0000	Pounds	62.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/30/2018	10:50 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	5905-50087-AA	KINETIC	1.4500	Gallon	62.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/30/2018	10:50 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	186.0000	Pounds	62.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	4/30/2018	10:50 PM	1016-0	STRAWBERRY	No	80.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	124.0000	Pounds	62.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/13/2018	2:20 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	62719-621-AA	ENTRUST SC	2.9100	Gallon	62.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/13/2018	2:20 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70051-2-AA	TRILOGY	11.6300	Gallon	62.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56V2064	D. W. BERRY ORGANICS	01	2600 N ROSE AVENUE	KMS (ORGANIC) /	S	02N	22W	23	5/16/2018	12:25 AM	1016-0	STRAWBERRY	No	80.0000	ACRES	70506-187-AA	MICROTHIOL DISPERSS	248.0000	Pounds	62.0000	ACRES	Ground	COASTAL GROWERS SUPPLY, INC	32334
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/2/2019	8:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	5.1300	Gallon	5.1300	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/8/2019	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	33.3600	Ounce	5.5600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/8/2019	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	33.4200	Ounce	5.5600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/8/2019	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	11.1200	Pounds	5.5600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/11/2019	11:59 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	1.5100	Gallon	32.1900	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/11/2019	11:59 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	1.5100	Gallon	32.1900	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/11/2019	11:59 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	64.3800	Pounds	32.1900	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/15/2019	9:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	62.7000	Ounce	10.4500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/15/2019	9:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	63.0100	Ounce	10.4500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/15/2019	9:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	20.9000	Pounds	10.4500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/16/2019	9:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	96.9000	Ounce	16.1500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/16/2019	9:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	97.3800	Ounce	16.1500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/16/2019	9:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	32.2900	Pounds	16.1500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/24/2019	10:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	84059-17-AA	GRANDEVO	41.6600	Pounds	20.8300	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/24/2019	10:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	20.8300	Pounds	20.8300	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/24/2019	10:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	125.1900	Ounce	20.8300	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/25/2019	11:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	84059-17-AA	GRANDEVO	31.3600	Pounds	15.6800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/25/2019	11:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	15.6800	Pounds	15.6800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/25/2019	11:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	94.2400	Ounce	15.6800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/26/2019	6:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	84059-17-AA	GRANDEVO	54.5200	Pounds	27.2600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/26/2019	6:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	27.2600	Pounds	27.2600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/26/2019	6:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	163.8300	Ounce	27.2600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	10/31/2019	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	15.6800	Gallon	15.6800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/1/2019	11:50 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	27.6400	Gallon	27.6400	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/4/2019	7:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-598-AA	OMNI OIL 6	6.8200	Gallon	4.5500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/12/2019	7:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	27.3000	Ounce	4.5500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/12/2019	7:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	18.2500	Ounce	4.5500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/12/2019	7:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	9.1000	Pounds	4.5500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/13/2019	10:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	77.0900	Ounce	12.8500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/13/2019	10:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	51.5300	Ounce	12.8500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/13/2019	10:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	25.7000	Pounds	12.8500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/14/2019	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	85.3000	Ounce	14.2200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/14/2019	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	57.0200	Ounce	14.2200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/14/2019	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	28.4400	Pounds	14.2200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/15/2019	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	80.5200	Ounce	13.4200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/15/2019	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	53.8100	Ounce	13.4200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	11/15/2019	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	26.8400	Pounds	13.4200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	1/3/2020	9:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	8.5000	Pounds	8.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	1/3/2020	9:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	50.7500	Ounce	8.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	1/4/2020	9:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	9.5100	Pounds	9.5100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	1/4/2020	9:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	56.7700	Ounce	9.5100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/18/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	51.0900	Ounce	8.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/18/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	264-1152-AA	SERENADE ASO	17.0000	Quart	8.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/18/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	17.0000	Pounds	8.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/19/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	59.3200	Ounce	9.8700	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/19/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	264-1152-AA	SERENADE ASO	19.7400	Quart	9.8700	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/19/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	19.7400	Pounds	9.8700	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/25/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	84059-17-AA	GRANDEVO	28.4200	Pounds	14.2100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/25/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	14.2100	Pounds	14.2100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/25/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	85.4000	Ounce	14.2100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/26/2020	7:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	84059-17-AA	GRANDEVO	8.3200	Pounds	4.1600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/26/2020	7:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	4.1600	Pounds	4.1600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/26/2020	7:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	25.0000	Ounce	4.1600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	2/29/2020	6:30 AM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	3.7100	Gallon	3.7100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	3/6/2020	7:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-598-AA	OMNI OIL 6	5.5700	Gallon	3.7100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	3/7/2020	8:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	110.9400	Ounce	18.3400	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	3/7/2020	8:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	36.6800	Pounds	18.3400	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	3/19/2020	7:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	0.6400	Gallon	13.6800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	3/19/2020	7:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	68173-4-ZA-70051	OSO 5% SC FUNGICIDE	1.0700	Gallon	13.6800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	3/20/2020	5:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	56.5200	Ounce	9.4200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	3/20/2020	5:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	56.6100	Ounce	9.4200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	3/24/2020	7:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	53.7000	Ounce	8.9500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	3/24/2020	7:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	53.7900	Ounce	8.9500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	4/15/2020	9:30 AM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-598-AA	OMNI OIL 6	14.1300	Gallon	9.4200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	4/16/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-598-AA	OMNI OIL 6	13.4300	Gallon	8.9500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	4/24/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	81.9400	Ounce	13.6800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	4/24/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	27.3600	Pounds	13.6800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	5/4/2020	8:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	4.7400	Gallon	4.7400	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	5/5/2020	9:15 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	4.5500	Gallon	4.5500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22

Rose Ranch Pesticide Use September 2015 through August 11, 2020

Permit #	Permitee	Site ID	Site Location	Site Name	Meridian	Township	Range	Section	Application Date	Application Time	Commodity Code	Commodity	Pre-plant	Planted Amount	Planted Units	EPA Reg No	Product Name	Quantity Used	Quantity Units	Treated Amount	Treated Units	Appl. Method	Applicator Name	Applicator License #
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/23/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-19-ZA	PFR-97 20% WDG	43.3400	Pounds	21.6700	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/24/2020	6:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	83.7600	Ounce	13.9600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/24/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	27.0000	Ounce	4.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/24/2020	6:00 AM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	83.3400	Ounce	13.9600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/24/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	26.8700	Ounce	4.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/25/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	12.7200	Ounce	2.1200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/25/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	12.6600	Ounce	2.1200	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/27/2020	5:30 AM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	18.7100	Pounds	18.7100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/27/2020	5:30 AM	1006-60	RASPBERRY	No	76.0000	ACRES	48813-1-ZF	TRI-TEK	37.4200	Gallon	18.7100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/30/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	1021-1772-AA	PYGANIC CROP PROTECTION EC 5.0 II	107.4000	Ounce	7.1600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	6/30/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	48813-1-ZF	TRI-TEK	14.3200	Gallon	7.1600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/1/2020	8:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	1021-1772-AA	PYGANIC CROP PROTECTION EC 5.0 II	102.0000	Ounce	6.8000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/1/2020	8:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	48813-1-ZF	TRI-TEK	13.6000	Gallon	6.8000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/2/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	1021-1772-AA	PYGANIC CROP PROTECTION EC 5.0 II	112.5000	Ounce	7.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/2/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	48813-1-ZF	TRI-TEK	15.0000	Gallon	7.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/3/2020	8:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	1021-1772-AA	PYGANIC CROP PROTECTION EC 5.0 II	92.7000	Ounce	6.1800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/3/2020	8:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	48813-1-ZF	TRI-TEK	12.3600	Gallon	6.1800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/8/2020	11:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	71908-1-AA-10163	AZA-DIRECT	720.0000	Ounce	22.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/8/2020	11:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	22.5000	Pounds	22.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/8/2020	11:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	22.5000	Gallon	22.5000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/9/2020	9:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	71908-1-AA-10163	AZA-DIRECT	454.7200	Ounce	14.2100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/9/2020	9:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	14.2100	Pounds	14.2100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/9/2020	9:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	14.2100	Gallon	14.2100	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/15/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	24.0000	Ounce	4.0000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/15/2020	9:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	23.9600	Ounce	4.0000	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/16/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	40.6800	Ounce	6.7800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/16/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	40.6100	Ounce	6.7800	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/17/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	17.7600	Pounds	17.7600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/17/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	17.7600	Gallon	17.7600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/22/2020	9:45 PM	1006-60	RASPBERRY	No	76.0000	ACRES	71908-1-AA-10163	AZA-DIRECT	297.2800	Ounce	9.2900	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/22/2020	9:45 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	9.2900	Gallon	9.2900	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/29/2020	10:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	62719-621-AA	ENTRUST SC	83.7600	Ounce	13.9600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/29/2020	10:30 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	83.2000	Ounce	13.9600	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/31/2020	10:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	18.9500	Pounds	18.9500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	7/31/2020	10:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-2-ZB	TRILOGY	18.9500	Gallon	18.9500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	8/7/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	70051-66-ZA	JAVELIN WG BIOLOGICAL INSECTICIDE	4.7400	Pounds	4.7400	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	8/7/2020	8:00 PM	1006-60	RASPBERRY	No	76.0000	ACRES	5905-50087-AA	KINETIC	29.1500	Ounce	4.7400	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	8/11/2020	8:50 AM	1006-60	RASPBERRY	No	76.0000	ACRES	1021-1772-AA	PYGANIC CROP PROTECTION EC 5.0 II	284.2500	Ounce	18.9500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	8/11/2020	8:50 AM	1006-60	RASPBERRY	No	76.0000	ACRES	48813-1-ZF	TRI-TEK	37.9000	Gallon	18.9500	ACRES	Ground	Grower Applied	
56p2298	REITER BROTHERS-ORGANIC	01	2600 N ROSE AVENUE	ROSE RANCH (ORGANIC) /	S	02N	22W	23	8/11/2020	8:50 AM	1006-60	RASPBERRY	No	76.0000	ACRES	73049-40-AA	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	37.9000	Pounds	18.9500	ACRES	Ground	Grower Applied	

E ENVIRONMENTAL DATABASE REPORTS

Rio Del Valle Middle School Expansion Phase I ESA
2600 North Rose Avenue
Oxnard, CA 93036

Inquiry Number: 6441237.2s
April 08, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2600 NORTH ROSE AVENUE
OXNARD, CA 93036

COORDINATES

Latitude (North):	34.2307640 - 34° 13' 50.75''
Longitude (West):	119.1544060 - 119° 9' 15.86''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	301563.1
UTM Y (Meters):	3789647.2
Elevation:	92 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5619402 OXNARD, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140901
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
2600 NORTH ROSE AVENUE
OXNARD, CA 93036

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	TODEY MAZDA	1521 AUTOCENTER DR	RCRA-SQG, FINDS, ECHO	Lower	407, 0.077, SSE
A2	DCH AUDI OF OXNARD	1521 AUTO CENTER DRI	AST	Lower	407, 0.077, SSE
A3	DCH AUDI OF OXNARD	1521 AUTO CENTER DRI	CERS HAZ WASTE, CERS TANKS, CERS	Lower	407, 0.077, SSE
A4	DCH OXNARD 1521 IMPO	1521 AUTO CENTER DR	RCRA NonGen / NLR	Lower	407, 0.077, SSE
A5	LEXUS OF OXNARD	1621 AUTO CENTER DR	LUST, Cortese, CERS	Lower	423, 0.080, SSE
B6	OXNARD EUROPEAN MOTO	1511 AUTO CENTER DR	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Lower	483, 0.091, SSW
B7	OXNARD EUROPEAN MOTO	1511 AUTO CENTER DR	RCRA NonGen / NLR	Lower	483, 0.091, SSW
B8	GRIECO MOTORS WEST L	1511 AUTO CENTER DR	RCRA NonGen / NLR	Lower	483, 0.091, SSW
A9	ALEXANDER CADILLAC	1600 AUTO CENTER DRI	AST	Lower	569, 0.108, SSE
A10	BUNNIN BUICK-GMC	1600 AUTO CENTER DR.	AST	Lower	569, 0.108, SSE
A11	R&A ALEXANDER INVEST	1600 AUTO CENTER DR	RCRA NonGen / NLR	Lower	569, 0.108, SSE
A12	BUNNIN BUICK-GMC INC	1600 AUTO CENTER DR	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Lower	569, 0.108, SSE
C13	DCH TOYOTA OF OXNARD	1631 AUTO CENTER DR	CERS HAZ WASTE, CERS TANKS, CERS	Lower	656, 0.124, SSE
C14	DCH TOYOTA OF OXNARD	1631 AUTO CENTER DR	AST	Lower	656, 0.124, SSE
C15	TOYOTA OF OXNARD	1631 AUTO CENTER DR.	AST	Lower	656, 0.124, SSE
D16	VISTA FORD LINCOLN O	1501 AUTO CENTER DR	RCRA NonGen / NLR	Lower	717, 0.136, SSW
D17	VISTA FORD OF OXNARD	1501 AUTO CENTER DR.	AST	Lower	717, 0.136, SSW
D18	VISTA FORD OF OXNARD	1501 AUTO CENTER DR	RCRA-SQG, CERS HAZ WASTE, CERS TANKS, FINDS, CERS	Lower	717, 0.136, SSW
D19	VISTA FORD LINCOLN O	1501 AUTO CENTER DR.	AST	Lower	717, 0.136, SSW
C20	TEAM INFINITI	1701 AUTO CENTER DR	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	838, 0.159, SE
C21	PROMENADE IMPORTS LL	1701 AUTO CENTER DR	RCRA NonGen / NLR	Lower	838, 0.159, SE
C22	LEXUS OF OXNARD	1640 AUTO CENTER DR	RCRA NonGen / NLR	Lower	850, 0.161, SSE
C23	LEXUS OXNARD	1640 AUTO CENTER DR	CERS HAZ WASTE, NPDES, CIWQS, CERS	Lower	850, 0.161, SSE
D24	NORTHFIELD BUSINESS	ROSE AVE	CPS-SLIC, CHMIRS, CERS	Lower	863, 0.163, SW
E25	VREELAND CADILLAC	1501 VENTURA BOULEVA	AST, SWEEPS UST, CA FID UST, FINDS, HAZNET, HWTS	Lower	1037, 0.196, SSW
E26	VREELAND CADILLAC	1501 VENTURA BLVD	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Lower	1037, 0.196, SSW
E27	BUNNIN GMC PONTIAC B	1501 VENTURA BLVD.	AST	Lower	1037, 0.196, SSW
E28	BUNNIN BUICK-GMC, IN	1501 VENTURA BLVD	RCRA-SQG	Lower	1037, 0.196, SSW
E29	R&A ALEXANDER INVEST	1501 E VENTURA BLVD	RCRA NonGen / NLR	Lower	1037, 0.196, SSW
30	DON SMITH	1138 E STROUBE ST	RCRA NonGen / NLR	Lower	1047, 0.198, West
E31	GENERAL TELPHONE OF	1505 VENTURA BLVD	RCRA-SQG, FINDS, ECHO	Lower	1060, 0.201, SSW
E32	GENERAL TELEPHONE	1505 VENTURA BLVD	SWEEPS UST, CA FID UST	Lower	1060, 0.201, SSW
E33	GTE EL RIO C.O.	1505 VENTURA BL	LUST, Cortese, HIST CORTESE, CERS	Lower	1060, 0.201, SSW
E34	GTE-EL RIO CENTRAL O	1505 VENTURA BLVD	LUST, CERS	Lower	1060, 0.201, SSW
E35	DCH HONDA OF OXNARD	1500 E VENTURA BLVD	RCRA-LQG, LUST, CERS	Lower	1138, 0.216, SSW
E36	HONDA OF OXNARD	1500 VENTURA BLVD.	LUST, Cortese	Lower	1138, 0.216, SSW
E37	DCH HONDA OF OXNARD	1500 E VENTURA BLVD	AST	Lower	1138, 0.216, SSW
E38	HONDA OF OXNARD	1500 E VENTURA BLVD	CERS HAZ WASTE, CERS TANKS, HAZNET, CERS, HWTS	Lower	1138, 0.216, SSW
E39	HONDA OF OXNARD	1500 E VENTURA BLVD	SWEEPS UST, CA FID UST	Lower	1138, 0.216, SSW

MAPPED SITES SUMMARY

Target Property Address:
2600 NORTH ROSE AVENUE
OXNARD, CA 93036

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	CALIBER COLLISION CE	1500 E VENTURA BLVD	RCRA NonGen / NLR	Lower	1138, 0.216, SSW
F41	TEAM NISSAN	1801 AUTO CENTER DR	RCRA NonGen / NLR	Lower	1162, 0.220, SE
F42	TEAM NISSAN	1801 AUTO CENTER DR	CERS HAZ WASTE, CERS TANKS, HAZNET, CIWQS, CERS,...	Lower	1162, 0.220, SE
F43	GOLD COAST TRANSIT D	1901 AUTO CENTER DR	RCRA NonGen / NLR	Lower	1171, 0.222, SE
F44	GOLD COAST TRANSIT D	1901 AUTO CENTER DR	CERS HAZ WASTE, CERS TANKS, CERS	Lower	1171, 0.222, SE
G45	TODEY LINCOLN MERCUR	1601 N VENTURA BLVD.	AST	Lower	1314, 0.249, South
G46	PURSER MOTORS LLC DB	1601 VENTURA BLVD	RCRA NonGen / NLR	Lower	1314, 0.249, South
G47	R AND A ALEXANDER IN	1601 E VENTURA BLVD	RCRA NonGen / NLR	Lower	1314, 0.249, South
G48	TODEY LINCOLN MERCUR	1601 VENTURA BLVD	LUST, SWEEPS UST, CA FID UST, Cortese, ENF, CERS	Lower	1314, 0.249, South
G49	JACK WEBER LINCOLN M	1601 VENTURA BLVD	CERS HAZ WASTE, HAZNET, CERS, HWTS	Lower	1314, 0.249, South
G50	TODEY LINCOLN MERCUR	1601 E VENTURA BLVD	RCRA-LQG, HAZNET, HWTS	Lower	1314, 0.249, South
51	CITY OF OXNARD	ROSE AVENUE HWY 101	CPS-SLIC, CERS	Lower	1775, 0.336, SW
52	FEDERAL EXPRESS	3150 PASEO MERCADO	LUST, Cortese, NPDES, WDS, CIWQS, CERS	Lower	1942, 0.368, ESE
53	JUST GAS INC.	1861 VENTURA	HIST CORTESE	Lower	2078, 0.394, SSE
H54	JOSE NAVARRO PROPERT	2632 BALBOA	LUST, HIST CORTESE, CERS	Lower	2378, 0.450, West
H55	NAVARRO PROPERTY (JO	2632 BALBOA ST	LUST, Cortese	Lower	2378, 0.450, West
I56	COSTCO WHOLESALE #42	2001 EAST VENTURA BO	RCRA-LQG, ENVIROSTOR, FINDS, ECHO, HAZNET, MED...	Lower	2508, 0.475, SSE
57	FORMER MARDEN-SUSCO	2200 FRAZIER ST	LUST, Cortese, HIST CORTESE, CERS	Lower	2509, 0.475, South
I58	CHEVRON #9-7423	1860 VENTURA	HIST CORTESE	Lower	2519, 0.477, SSE
59	QUINN COMPANY	2300 N ROSE AVE	CPS-SLIC, HIST UST, CERS	Lower	2558, 0.484, SSW
60	TELEFLEX CONTROL SYS	1950 WILLIAMS DRIVE	ENVIROSTOR	Lower	3594, 0.681, South
61	RIO VISTA MIDDLE SCH	VINEYARD & WALNUT AV	ENVIROSTOR, SCH	Higher	4665, 0.884, NW
62	PRICE COMPANY	2600 VINEYARD AVENUE	ENVIROSTOR	Lower	4741, 0.898, WNW
63	EASTERN ELEMENTARY S	EAST VINEYARD AVENUE	ENVIROSTOR, SCH	Higher	5135, 0.973, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System
US ENG CONTROLS ---------- Engineering Controls Sites List
US INST CONTROLS ---------- Institutional Controls Sites List

EXECUTIVE SUMMARY

Federal ERNS list

ERNS ---------- Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE ---------- State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF ---------- Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST ---------- Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST ---------- Underground Storage Tank Listing
UST ---------- Active UST Facilities
INDIAN UST ---------- Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP ---------- Voluntary Cleanup Program Properties
INDIAN VCP ---------- Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ---------- Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ---------- Waste Management Unit Database
SWRCY ---------- Recycler Database
HAULERS ---------- Registered Waste Tire Haulers Listing
INDIAN ODI ---------- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---------- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---------- Open Dump Inventory
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
CDL ---------- Clandestine Drug Labs

Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register
PFAS	PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

HIST UST	Hazardous Substance Storage Container Database

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS	Formerly Used Defense Sites
DOD	Department of Defense Sites
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR	Financial Assurance Information
EPA WATCH LIST	EPA WATCH LIST
2020 COR ACTION	2020 Corrective Action Program List
TSCA	Toxic Substances Control Act
TRIS	Toxic Chemical Release Inventory System
SSTS	Section 7 Tracking Systems
ROD	Records Of Decision
RMP	Risk Management Plans
RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File

EXECUTIVE SUMMARY

ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
VENTURA CO. BWT	Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
HAZNET	Facility and Manifest Data
ICE	ICE
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MED WASTE VENTURA	Medical Waste Program List
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
WDR	Waste Discharge Requirements Listing
CIWQS	California Integrated Water Quality System
CERS	CERS
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)
MINES MRDS	Mineral Resources Data System
HWTS	Hazardous Waste Tracking System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List

EXECUTIVE SUMMARY

RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DCH HONDA OF OXNARD EPA ID:: CAD982403131	***1500 E VENTURA BLVD***	***SSW 1/8 - 1/4 (0.216 mi.)***	***E35***	***233***
TODEY LINCOLN MERCUR EPA ID:: CAR000180083	***1601 E VENTURA BLVD***	***S 1/8 - 1/4 (0.249 mi.)***	***G50***	***316***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 12/14/2020 has revealed that there are 4 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TODEY MAZDA EPA ID:: CAR000018952	***1521 AUTOCENTER DR***	***SSE 0 - 1/8 (0.077 mi.)***	***A1***	***9***
VISTA FORD OF OXNARD EPA ID:: CAR000072470	***1501 AUTO CENTER DR***	***SSW 1/8 - 1/4 (0.136 mi.)***	***D18***	***106***
BUNNIN BUICK-GMC, IN	1501 VENTURA BLVD	SSW 1/8 - 1/4 (0.196 mi.)	E28	213

EPA ID:: CAD983671538				
GENERAL TELPHONE OF EPA ID:: CAD980889877	***1505 VENTURA BLVD***	***SSW 1/8 - 1/4 (0.201 mi.)***	***E31***	***222***

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/26/2020 has revealed that there are 5 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIO VISTA MIDDLE SCH Facility Id: 56010019 Status: Certified	***VINEYARD & WALNUT AV***	***NW 1/2 - 1 (0.884 mi.)***	***61***	***411***
EASTERN ELEMENTARY S Facility Id: 56010016 Status: No Further Action	***EAST VINEYARD AVENUE***	***NNW 1/2 - 1 (0.973 mi.)***	***63***	***420***

Lower Elevation	Address	Direction / Distance	Map ID	Page
COSTCO WHOLESALE #42 Facility Id: 71003264 Status: Refer: Other Agency	***2001 EAST VENTURA BO***	***SSE 1/4 - 1/2 (0.475 mi.)***	***I56***	***347***
TELEFLEX CONTROL SYS Facility Id: 60001505 Status: No Action Required	1950 WILLIAMS DRIVE	S 1/2 - 1 (0.681 mi.)	60	410
PRICE COMPANY Facility Id: 56550001 Status: No Further Action	2600 VINEYARD AVENUE	WNW 1/2 - 1 (0.898 mi.)	62	419

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the LUST list, as provided by EDR, has revealed that there are 10 LUST sites within

approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LEXUS OF OXNARD	***1621 AUTO CENTER DR***	***SSE 0 - 1/8 (0.080 mi.)***	***A5***	***19***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008 Database: LUST, Date of Government Version: 03/08/2021 Status: Completed - Case Closed Status: Case Closed Facility Id: 01031 Status: Case Closed Global Id: T061110805 Global Id: T0611125329 Global ID: T061110805 Global ID: T0611125329 Facility Id: 930300925 Facility Id: C01031				
GTE EL RIO C.O.	***1505 VENTURA BL***	***SSW 1/8 - 1/4 (0.201 mi.)***	***E33***	***226***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008 Database: LUST, Date of Government Version: 03/08/2021 Status: Completed - Case Closed Status: Case Closed Facility Id: 96007 Status: Case Closed Global Id: T0611101082 Global Id: T0611100374 Global ID: T0611101082 Facility Id: C-96007				
GTE-EL RIO CENTRAL O	***1505 VENTURA BLVD***	***SSW 1/8 - 1/4 (0.201 mi.)***	***E34***	***231***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008 Status: Case Closed Facility Id: 88138 Status: Case Closed Global ID: T0611100374 Facility Id: C-88138				
DCH HONDA OF OXNARD	***1500 E VENTURA BLVD***	***SSW 1/8 - 1/4 (0.216 mi.)***	***E35***	***233***
Database: LUST, Date of Government Version: 03/08/2021 Status: Completed - Case Closed Global Id: T0611170364				
HONDA OF OXNARD	***1500 VENTURA BLVD.***	***SSW 1/8 - 1/4 (0.216 mi.)***	***E36***	***239***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008 Status: Case Closed Facility Id: 02012 Status: Case Closed Global ID: T0611170364 Facility Id: C-02012				
TODEY LINCOLN MERCUR	***1601 VENTURA BLVD***	***S 1/8 - 1/4 (0.249 mi.)***	***G48***	***294***
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008 Database: LUST, Date of Government Version: 03/08/2021 Status: Completed - Case Closed				

Status: Preliminary site assessment underway
Facility Id: 04007
Status: Case Closed
Global Id: T0611188384
Global ID: T0611188384
Facility Id: C04007

FEDERAL EXPRESS ***3150 PASEO MERCADO*** ***ESE 1/4 - 1/2 (0.368 mi.)*** ***52*** ***324***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Status: Leak being confirmed
Facility Id: 04008
Status: Pollution Characterization
Global Id: T0611161955
Global ID: T0611161955
Facility Id: C04008

JOSE NAVARRO PROPERT ***2632 BALBOA*** ***W 1/4 - 1/2 (0.450 mi.)*** ***H54*** ***342***
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Global Id: T0611101145

NAVARRO PROPERTY (JO ***2632 BALBOA ST*** ***W 1/4 - 1/2 (0.450 mi.)*** ***H55*** ***345***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Status: Pollution Characterization
Facility Id: 97028
Status: Case Closed
Global ID: T0611101145
Facility Id: C-97028

FORMER MARDEN-SUSCO ***2200 FRAZIER ST*** ***S 1/4 - 1/2 (0.475 mi.)*** ***57*** ***402***
Database: LUST REG 4, Date of Government Version: 09/07/2004
Database: VENTURA CO. LUST, Date of Government Version: 05/29/2008
Database: LUST, Date of Government Version: 03/08/2021
Status: Completed - Case Closed
Status: Case Closed
Facility Id: 95170
Status: Case Closed
Global Id: T0611101058
Global ID: T0611101058
Facility Id: C-95170

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 3 CPS-SLIC sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NORTHFIELD BUSINESS	***ROSE AVE***	***SW 1/8 - 1/4 (0.163 mi.)***	***D24***	***148***

Database: CPS-SLIC, Date of Government Version: 03/08/2021

Facility Status: Completed - Case Closed
Global Id: SLT4304745

CITY OF OXNARD ***ROSE AVENUE HWY 101*** ***SW 1/4 - 1/2 (0.336 mi.)*** ***51*** ***323***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: T10000000756

QUINN COMPANY ***2300 N ROSE AVE*** ***SSW 1/4 - 1/2 (0.484 mi.)*** ***59*** ***406***
Database: CPS-SLIC, Date of Government Version: 03/08/2021
Facility Status: Completed - Case Closed
Global Id: SLT43255253

State and tribal registered storage tank lists

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 11 AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DCH AUDI OF OXNARD Database: AST, Date of Government Version: 07/06/2016	1521 AUTO CENTER DRI	SSE 0 - 1/8 (0.077 mi.)	A2	11
ALEXANDER CADILLAC Database: AST, Date of Government Version: 07/06/2016	1600 AUTO CENTER DRI	SSE 0 - 1/8 (0.108 mi.)	A9	48
BUNNIN BUICK-GMC Database: AST, Date of Government Version: 07/06/2016	1600 AUTO CENTER DR.	SSE 0 - 1/8 (0.108 mi.)	A10	49
DCH TOYOTA OF OXNARD Database: AST, Date of Government Version: 07/06/2016	1631 AUTO CENTER DR	SSE 0 - 1/8 (0.124 mi.)	C14	101
TOYOTA OF OXNARD Database: AST, Date of Government Version: 07/06/2016	1631 AUTO CENTER DR.	SSE 0 - 1/8 (0.124 mi.)	C15	102
VISTA FORD OF OXNARD Database: AST, Date of Government Version: 07/06/2016	1501 AUTO CENTER DR.	SSW 1/8 - 1/4 (0.136 mi.)	D17	105
VISTA FORD LINCOLN O Database: AST, Date of Government Version: 07/06/2016	1501 AUTO CENTER DR.	SSW 1/8 - 1/4 (0.136 mi.)	D19	117
VREELAND CADILLAC Database: AST, Date of Government Version: 07/06/2016	***1501 VENTURA BOULEVA***	***SSW 1/8 - 1/4 (0.196 mi.)***	***E25***	***150***
BUNNIN GMC PONTIAC B Database: AST, Date of Government Version: 07/06/2016	1501 VENTURA BLVD.	SSW 1/8 - 1/4 (0.196 mi.)	E27	212
DCH HONDA OF OXNARD Database: AST, Date of Government Version: 07/06/2016	1500 E VENTURA BLVD	SSW 1/8 - 1/4 (0.216 mi.)	E37	241
TODEY LINCOLN MERCUR Database: AST, Date of Government Version: 07/06/2016	1601 N VENTURA BLVD.	S 1/8 - 1/4 (0.249 mi.)	G45	288

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/19/2020 has revealed that there are 12 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DCH AUDI OF OXNARD	*1521 AUTO CENTER DRI*	*SSE 0 - 1/8 (0.077 mi.)*	*A3*	*12*
OXNARD EUROPEAN MOTO	*1511 AUTO CENTER DR*	*SSW 0 - 1/8 (0.091 mi.)*	*B6*	*26*
BUNNIN BUICK-GMC INC	*1600 AUTO CENTER DR*	*SSE 0 - 1/8 (0.108 mi.)*	*A12*	*52*
DCH TOYOTA OF OXNARD	*1631 AUTO CENTER DR*	*SSE 0 - 1/8 (0.124 mi.)*	*C13*	*90*
VISTA FORD OF OXNARD	*1501 AUTO CENTER DR*	*SSW 1/8 - 1/4 (0.136 mi.)*	*D18*	*106*
TEAM INFINITI	*1701 AUTO CENTER DR*	*SE 1/8 - 1/4 (0.159 mi.)*	*C20*	*118*
LEXUS OXNARD	*1640 AUTO CENTER DR*	*SSE 1/8 - 1/4 (0.161 mi.)*	*C23*	*135*
VREELAND CADILLAC	*1501 VENTURA BLVD*	*SSW 1/8 - 1/4 (0.196 mi.)*	*E26*	*162*
HONDA OF OXNARD	*1500 E VENTURA BLVD*	*SSW 1/8 - 1/4 (0.216 mi.)*	*E38*	*241*
TEAM NISSAN	*1801 AUTO CENTER DR*	*SE 1/8 - 1/4 (0.220 mi.)*	*F42*	*265*
GOLD COAST TRANSIT D	*1901 AUTO CENTER DR*	*SE 1/8 - 1/4 (0.222 mi.)*	*F44*	*282*
JACK WEBER LINCOLN M	*1601 VENTURA BLVD*	*S 1/8 - 1/4 (0.249 mi.)*	*G49*	*301*

Local Lists of Registered Storage Tanks

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 SWEEPS UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
VREELAND CADILLAC Status: A Tank Status: A Comp Number: 2437	*1501 VENTURA BOULEVA*	*SSW 1/8 - 1/4 (0.196 mi.)*	*E25*	*150*
GENERAL TELEPHONE Status: A Tank Status: A Comp Number: 1039	*1505 VENTURA BLVD*	*SSW 1/8 - 1/4 (0.201 mi.)*	*E32*	*225*
HONDA OF OXNARD Status: A Tank Status: A Comp Number: 2436	*1500 E VENTURA BLVD*	*SSW 1/8 - 1/4 (0.216 mi.)*	*E39*	*259*
TODEY LINCOLN MERCUR Status: A	*1601 VENTURA BLVD*	*S 1/8 - 1/4 (0.249 mi.)*	*G48*	*294*

Tank Status: A
Comp Number: 2435

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 4 CA FID UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
VREELAND CADILLAC Facility Id: 56003543 Status: A	***1501 VENTURA BOULEVA***	***SSW 1/8 - 1/4 (0.196 mi.)***	***E25***	***150***
GENERAL TELEPHONE Facility Id: 56001921 Status: A	***1505 VENTURA BLVD***	***SSW 1/8 - 1/4 (0.201 mi.)***	***E32***	***225***
HONDA OF OXNARD Facility Id: 56002724 Status: A	***1500 E VENTURA BLVD***	***SSW 1/8 - 1/4 (0.216 mi.)***	***E39***	***259***
TODEY LINCOLN MERCUR Facility Id: 56003532 Status: A	***1601 VENTURA BLVD***	***S 1/8 - 1/4 (0.249 mi.)***	***G48***	***294***

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/19/2020 has revealed that there are 9 CERS TANKS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DCH AUDI OF OXNARD	***1521 AUTO CENTER DRI***	***SSE 0 - 1/8 (0.077 mi.)***	***A3***	***12***
OXNARD EUROPEAN MOTO	***1511 AUTO CENTER DR***	***SSW 0 - 1/8 (0.091 mi.)***	***B6***	***26***
BUNNIN BUICK-GMC INC	***1600 AUTO CENTER DR***	***SSE 0 - 1/8 (0.108 mi.)***	***A12***	***52***
DCH TOYOTA OF OXNARD	***1631 AUTO CENTER DR***	***SSE 0 - 1/8 (0.124 mi.)***	***C13***	***90***
VISTA FORD OF OXNARD	***1501 AUTO CENTER DR***	***SSW 1/8 - 1/4 (0.136 mi.)***	***D18***	***106***
VREELAND CADILLAC	***1501 VENTURA BLVD***	***SSW 1/8 - 1/4 (0.196 mi.)***	***E26***	***162***
HONDA OF OXNARD	***1500 E VENTURA BLVD***	***SSW 1/8 - 1/4 (0.216 mi.)***	***E38***	***241***
TEAM NISSAN	***1801 AUTO CENTER DR***	***SE 1/8 - 1/4 (0.220 mi.)***	***F42***	***265***
GOLD COAST TRANSIT D	***1901 AUTO CENTER DR***	***SE 1/8 - 1/4 (0.222 mi.)***	***F44***	***282***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that

there are 14 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
DCH OXNARD 1521 IMPO EPA ID:: CAL000341359	1521 AUTO CENTER DR	SSE 0 - 1/8 (0.077 mi.)	A4	17
OXNARD EUROPEAN MOTO EPA ID:: CAL000342103	1511 AUTO CENTER DR	SSW 0 - 1/8 (0.091 mi.)	B7	43
GRIECO MOTORS WEST L EPA ID:: CAL000439611	1511 AUTO CENTER DR	SSW 0 - 1/8 (0.091 mi.)	B8	46
R&A ALEXANDER INVEST EPA ID:: CAL000374663	1600 AUTO CENTER DR	SSE 0 - 1/8 (0.108 mi.)	A11	50
VISTA FORD LINCOLN O EPA ID:: CAL000425543	1501 AUTO CENTER DR	SSW 1/8 - 1/4 (0.136 mi.)	D16	103
PROMENADE IMPORTS LL EPA ID:: CAL000413609	1701 AUTO CENTER DR	SE 1/8 - 1/4 (0.159 mi.)	C21	130
LEXUS OF OXNARD EPA ID:: CAL000296743	1640 AUTO CENTER DR	SSE 1/8 - 1/4 (0.161 mi.)	C22	132
R&A ALEXANDER INVEST EPA ID:: CAL000374724	1501 E VENTURA BLVD	SSW 1/8 - 1/4 (0.196 mi.)	E29	217
DON SMITH	1138 E STROUBE ST	W 1/8 - 1/4 (0.198 mi.)	30	219
CALIBER COLLISION CE EPA ID:: CAL000369386	1500 E VENTURA BLVD	SSW 1/8 - 1/4 (0.216 mi.)	E40	260
TEAM NISSAN EPA ID:: CAL000337075	1801 AUTO CENTER DR	SE 1/8 - 1/4 (0.220 mi.)	F41	262
GOLD COAST TRANSIT D EPA ID:: CAL000447529	1901 AUTO CENTER DR	SE 1/8 - 1/4 (0.222 mi.)	F43	279
PURSER MOTORS LLC DB EPA ID:: CAL000451126	1601 VENTURA BLVD	S 1/8 - 1/4 (0.249 mi.)	G46	289
R AND A ALEXANDER IN EPA ID:: CAL000404652	1601 E VENTURA BLVD	S 1/8 - 1/4 (0.249 mi.)	G47	291

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/17/2020 has revealed that there are 7 Cortese sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LEXUS OF OXNARD Cleanup Status: COMPLETED - CASE CLOSED	***1621 AUTO CENTER DR***	***SSE 0 - 1/8 (0.080 mi.)***	***A5***	***19***
GTE EL RIO C.O. Cleanup Status: COMPLETED - CASE CLOSED	***1505 VENTURA BL***	***SSW 1/8 - 1/4 (0.201 mi.)***	***E33***	***226***
HONDA OF OXNARD Cleanup Status: COMPLETED - CASE CLOSED	***1500 VENTURA BLVD.***	***SSW 1/8 - 1/4 (0.216 mi.)***	***E36***	***239***
TODEY LINCOLN MERCUR Cleanup Status: COMPLETED - CASE CLOSED	***1601 VENTURA BLVD***	***S 1/8 - 1/4 (0.249 mi.)***	***G48***	***294***
FEDERAL EXPRESS	***3150 PASEO MERCADO***	***ESE 1/4 - 1/2 (0.368 mi.)***	***52***	***324***

Cleanup Status: COMPLETED - CASE CLOSED

NAVARRO PROPERTY (JO	***2632 BALBOA ST***	***W 1/4 - 1/2 (0.450 mi.)***	***H55***	***345***
Cleanup Status: COMPLETED - CASE CLOSED				
FORMER MARDEN-SUSCO	***2200 FRAZIER ST***	***S 1/4 - 1/2 (0.475 mi.)***	***57***	***402***
Cleanup Status: COMPLETED - CASE CLOSED				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

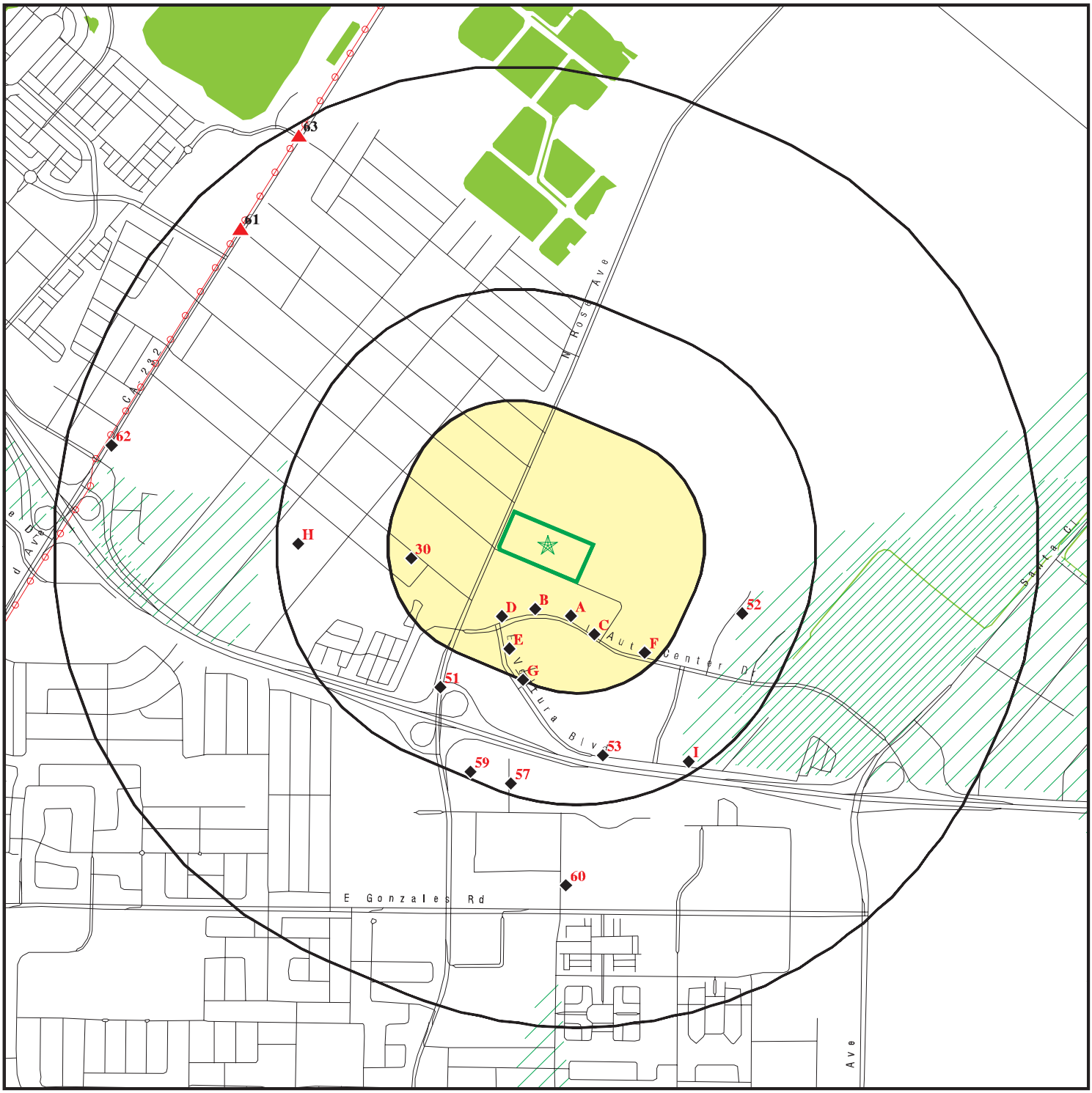
Lower Elevation	Address	Direction / Distance	Map ID	Page
GTE EL RIO C.O.	***1505 VENTURA BL***	***SSW 1/8 - 1/4 (0.201 mi.)***	***E33***	***226***
Reg Id: C-88138				
Reg Id: C-96007				
JUST GAS INC.	1861 VENTURA	SSE 1/4 - 1/2 (0.394 mi.)	53	341
Reg Id: C-87125				
JOSE NAVARRO PROPERT	***2632 BALBOA***	***W 1/4 - 1/2 (0.450 mi.)***	***H54***	***342***
Reg Id: C-97028				
FORMER MARDEN-SUSCO	***2200 FRAZIER ST***	***S 1/4 - 1/2 (0.475 mi.)***	***57***	***402***
Reg Id: C-95170				
CHEVRON #9-7423	1860 VENTURA	SSE 1/4 - 1/2 (0.477 mi.)	I58	405
Reg Id: C-90032				

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name	Database(s)
SANTA CLARA/MAXWELL SWIFT/CONNOLLY	ENVIROSTOR

OVERVIEW MAP - 6441237.2S



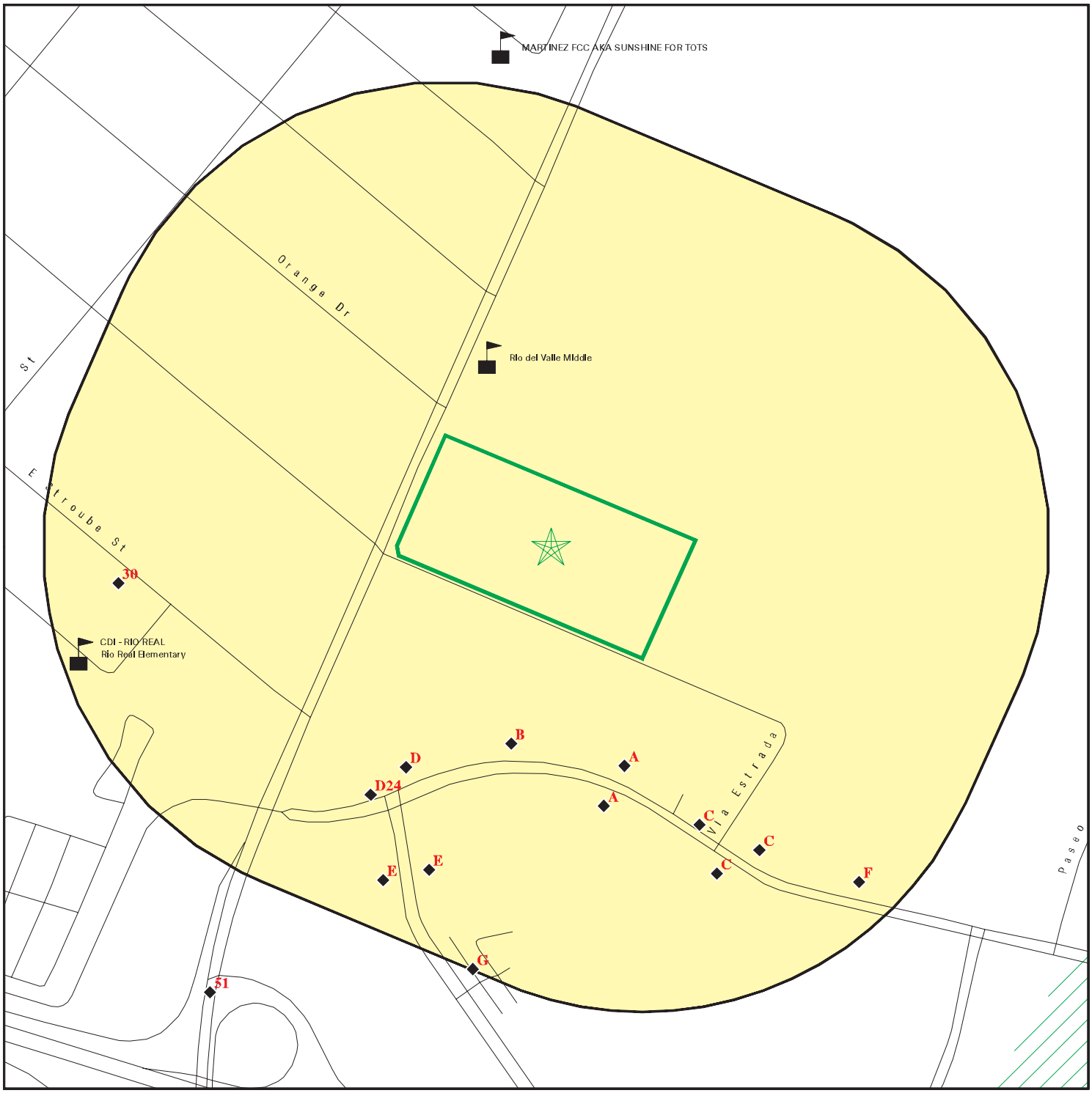
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Rio Del Valle Middle School Expansion Phase I ESA	CLIENT:	Tetra Tech, Inc.
ADDRESS:	2600 North Rose Avenue Oxnard CA 93036	CONTACT:	Jim Steele
		INQUIRY #:	6441237.2s
LAT/LONG:	34.230764 / 119.154406	DATE:	April 08, 2021 1:09 pm

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DETAIL MAP - 6441237.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Rio Del Valle Middle School Expansion Phase I ESA	CLIENT:	Tetra Tech, Inc.
ADDRESS:	2600 North Rose Avenue Oxnard CA 93036	CONTACT:	Jim Steele
LAT/LONG:	34.230764 / 119.154406	INQUIRY #:	6441237.2s
		DATE:	April 08, 2021 1:15 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	2	NR	NR	NR	2
RCRA-SQG	0.250		1	3	NR	NR	NR	4
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	1	4	NR	5
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		1	5	4	NR	NR	10

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	1	2	NR	NR	3
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		5	6	NR	NR	NR	11
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		4	8	NR	NR	NR	12
US CDL	TP		NR	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	4	NR	NR	NR	4
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	4	NR	NR	NR	4
CERS TANKS	0.250		4	5	NR	NR	NR	9
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		4	10	NR	NR	NR	14
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
VENTURA CO. BWT	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		1	3	3	NR	NR	7

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	4	NR	NR	5
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MED WASTE VENTURA	TP		NR	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
MINES MRDS	TP		NR	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		0	20	52	14	4	0	90

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **TODEY MAZDA** **RCRA-SQG** **1001195329**
SSE **1521 AUTOCENTER DR** **FINDS** **CAR000018952**
< 1/8 **OXNARD, CA 93030** **ECHO**
0.077 mi.
407 ft. **Site 1 of 9 in cluster A**

Relative: **Lower**
Actual: **89 ft.**

RCRA-SQG:

Date Form Received by Agency:		1997-03-31 00:00:00.0
Handler Name:	TODEY MAZDA	
Handler Address:		1521 AUTOCENTER DR
Handler City,State,Zip:		OXNARD, CA 93030
EPA ID:		CAR000018952
Contact Name:		GENE STRAIN
Contact Address:		1521 AUTOCENTER DR
Contact City,State,Zip:		OXNARD, CA 93030
Contact Telephone:		805-988-4545
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		AUTOCENTER DR
Mailing City,State,Zip:		OXNARD, CA 93030
Owner Name:		KEVIN TODEY
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

TODEY MAZDA (Continued) **1001195329**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:55.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEVIN TODEY
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1345 N OXNARD BLVD
Owner/Operator City,State,Zip:	OXNARD, CA 93030
Owner/Operator Telephone:	805-983-6800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1997-03-31 00:00:00.0
Handler Name: TODEY MAZDA	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

TODEY MAZDA (Continued) **1001195329**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002916818

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001195329
Registry ID: 110002916818
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002916818
Name: TODEY MAZDA
Address: 1521 AUTOCENTER DR
City,State,Zip: OXNARD, CA 93036

A2 **DCH AUDI OF OXNARD** **AST** **A100419310**
SSE **1521 AUTO CENTER DRIVE** **N/A**
< 1/8 **OXNARD, CA 93036**
0.077 mi.
407 ft. **Site 2 of 9 in cluster A**

Relative: **Lower**
Actual: **89 ft.**

AST:
Name: DCH AUDI OF OXNARD
Address: 1521 AUTO CENTER DRIVE
City/Zip: OXNARD,93036
Certified Unified Program Agencies: Not reported
Owner: DCH Holdings, Inc.
Total Gallons: Not reported
CERSID: 10201837
Facility ID: Not reported
Business Name: DCH Audi of Oxnard

DCH AUDI OF OXNARD (Continued) **A100419310**

Phone:	8052883800
Fax:	Not reported
Mailing Address:	1521 Auto Center Drive
Mailing Address City:	Oxnard
Mailing Address State:	CA
Mailing Address Zip Code:	93036
Operator Name:	Steve Chapman
Operator Phone:	805 288-3800
Owner Phone:	8052883800
Owner Mail Address:	1521 Auto Center Drive
Owner State:	CA
Owner Zip Code:	93036
Owner Country:	United States
Property Owner Name:	DCH Auto Group
Property Owner Phone:	732-727-9168
Property Owner Mailing Address:	955 Route 9 North
Property Owner City:	South Amboy
Property Owner Stat :	NJ
Property Owner Zip Code:	8879
Property Owner Country:	United States
EPAID:	CAL000341359

A3 **DCH AUDI OF OXNARD** **CERS HAZ WASTE** **S113467126**
SSE **1521 AUTO CENTER DRIVE** **CERS TANKS** **N/A**
< 1/8 **OXNARD, CA 93036** **CERS**
0.077 mi.
407 ft. **Site 3 of 9 in cluster A**

Relative:
Lower

Actual:
89 ft.

CERS HAZ WASTE:

Name:	DCH AUDI OF OXNARD
Address:	1521 AUTO CENTER DRIVE
City,State,Zip:	OXNARD, CA 93036
Site ID:	24174
CERS ID:	10201837
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	DCH AUDI OF OXNARD
Address:	1521 AUTO CENTER DRIVE
City,State,Zip:	OXNARD, CA 93036
Site ID:	24174
CERS ID:	10201837
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	DCH AUDI OF OXNARD
Address:	1521 AUTO CENTER DRIVE
City,State,Zip:	OXNARD, CA 93036
Site ID:	24174
CERS ID:	10201837
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	24174
Site Name:	DCH Audi of Oxnard
Violation Date:	11-05-2014
Citation:	40 CFR 1 265.201(c)(3) - U.S. Code of Federal Regulations, Title 40,

DCH AUDI OF OXNARD (Continued) **S113467126**

	Chapter 1, Section(s) 265.201(c)(3)
Violation Description:	Failure to conduct daily tank inspection of the discharge systems, monitoring equipment, and tank levels.
Violation Notes:	Returned to compliance on 08/05/2015. Overfill alarm label shows they were last tested by a qualified tank tester on 11/9/12. Provide annual tests to overfill alarms.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	24174
Site Name:	DCH Audi of Oxnard
Violation Date:	11-05-2014
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 08/05/2015. Business Owner/Operator Identification page submitted to CERS on 7/28/2014 is incomplete. Provide Property Owner information and re-submit.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	24174
Site Name:	DCH Audi of Oxnard
Violation Date:	11-05-2014
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 08/05/2015. Waste Parts Washer Solution disposal receipts are not available. Look through records and/or contact hauler (Safety Kleen) to obtain 3 years worth of disposal records.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	24174
Site Name:	DCH Audi of Oxnard
Violation Date:	11-05-2014
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/05/2015. Hazardous Materials Inventory submitted to CERS on 7.28.14 in incomplete: -Update Lubrication Oil Maximum Daily Amount to 500 gallons. -Add "Empty ATF" 275 gallon tank. -Add Antifreeze Coolant -Add Waste Parts Washer Solution.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection

DCH AUDI OF OXNARD (Continued) **S113467126**

Eval Date: 06-10-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-10-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-18-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-18-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-05-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 24174
Site Name: DCH Audi of Oxnard
Site Address: 1521 AUTO CENTER DRIVE

DCH AUDI OF OXNARD (Continued) **S113467126**

Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	07-23-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Due August 7, 2015.
Enf Action Division:	Oxnard City CUPA
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	24174
Site Name:	DCH Audi of Oxnard
Site Address:	1521 AUTO CENTER DRIVE
Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	07-23-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Due August 7, 2015.
Enf Action Division:	Oxnard City CUPA
Enf Action Program:	HW
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	DCH Audi of Oxnard
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Michael Brockelhurst, EHS Consultant
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Todd Maroot
Entity Title:	Not reported
Affiliation Address:	1521 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported

DCH AUDI OF OXNARD (Continued) **S113467126**

Affiliation Address:	1521 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Michael Brockelhurst
Entity Title:	Risk Management Consultant
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	DCH Auto Group
Entity Title:	Not reported
Affiliation Address:	955 Route 9 North
Affiliation City:	South Amboy
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	08879
Affiliation Phone:	(732) 727-9168
Affiliation Type Desc:	Legal Owner
Entity Name:	DCH Holdings, Inc.
Entity Title:	Not reported
Affiliation Address:	1521 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 288-3800
Affiliation Type Desc:	Operator
Entity Name:	Steve Chapman
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 288-3800
Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722

A4
SSE
< 1/8
0.077 mi.
407 ft.

DCH OXNARD 1521 IMPORTS INC DBA DCH AUDI OXNARD
1521 AUTO CENTER DR
OXNARD, CA 93036

Site 4 of 9 in cluster A

RCRA NonGen / NLR | **1024822690** | **CAL000341359**

Relative:
Lower

Actual:
89 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2009-03-16 00:00:00.0
Handler Name:	DCH OXNARD 1521 IMPORTS INC DBA DCH AUDI OXNARD
Handler Address:	1521 AUTO CENTER DR
Handler City,State,Zip:	OXNARD, CA 93036-7916
EPA ID:	CAL000341359
Contact Name:	TODD MAROOT
Contact Address:	1521 AUTO CTR DR
Contact City,State,Zip:	OXNARD, CA 93036
Contact Telephone:	805-288-3800
Contact Fax:	805-288-3836
Contact Email:	TMAROOT@DCHUSA.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1521 AUTO CTR DR
Mailing City,State,Zip:	OXNARD, CA 93036-7916
Owner Name:	DCH OXNARD 1521 IMPORTS INC
Owner Type:	Other
Operator Name:	TODD MAROOT
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

DCH OXNARD 1521 IMPORTS INC DBA DCH AUDI OXNARD (Continued) **1024822690**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:31:11.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DCH OXNARD 1521 IMPORTS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1521 AUTO CTR DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036-7916
Owner/Operator Telephone:	805-288-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	TODD MAROOT
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1521 AUTO CTR DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-288-3800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DCH OXNARD 1521 IMPORTS INC DBA DCH AUDI OXNARD (Continued) **1024822690**

Historic Generators:
Receive Date: 2009-03-16 00:00:00.0
Handler Name: DCH OXNARD 1521 IMPORTS INC DBA DCH AUDI OXNARD
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A5 **LEXUS OF OXNARD** **LUST** **S105181175**
SSE **1621 AUTO CENTER DR** **Cortese** **N/A**
< 1/8 **OXNARD, CA 93030** **CERS**
0.080 mi.
423 ft. **Site 5 of 9 in cluster A**

Relative:
Lower

Actual:
89 ft.

LUST:
Name: LEXUS OF OXNARD
Address: 1621 AUTO CENTER DR
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T061110805
Global Id: T061110805
Latitude: 34.2281158
Longitude: -119.1579663
Status: Completed - Case Closed
Status Date: 10/26/2007
Case Worker: EKO
RB Case Number: 930300925
Local Agency: VENTURA COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T061110805
Contact Type: Local Agency Caseworker
Contact Name: ERIN K. O'CONNELL

LEXUS OF OXNARD (Continued) **S105181175**

Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE
City: VENTURA
Email: erin.oconnell@ventura.org
Phone Number: Not reported

Global Id: T061110805
Contact Type: Regional Board Caseworker
Contact Name: UNKNOWN
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W 4TH STREET
City: LOS ANGELES
Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T061110805
Action Type: Other
Date: 10/18/2001
Action: Leak Discovery

Global Id: T061110805
Action Type: Other
Date: 12/12/2001
Action: Leak Reported

LUST:
Global Id: T061110805
Status: Open - Case Begin Date
Status Date: 10/18/2001

Global Id: T061110805
Status: Completed - Case Closed
Status Date: 10/26/2007

Name: LEXUS OF OXNARD
Address: 1621 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611125329
Global Id: T0611125329
Latitude: 34.2281158
Longitude: -119.1579663
Status: Completed - Case Closed
Status Date: 04/23/2002
Case Worker: Not reported
RB Case Number: C01031
Local Agency: OXNARD, CITY OF
File Location: Not reported
Local Case Number: 01031
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LEXUS OF OXNARD (Continued) **S105181175**

LUST:
Global Id: T0611125329
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611125329
Action Type: ENFORCEMENT
Date: 04/23/2002
Action: Closure/No Further Action Letter

Global Id: T0611125329
Action Type: ENFORCEMENT
Date: 01/01/2016
Action: File review

Global Id: T0611125329
Action Type: Other
Date: 10/18/2001
Action: Leak Discovery

Global Id: T0611125329
Action Type: Other
Date: 10/18/2001
Action: Leak Stopped

Global Id: T0611125329
Action Type: Other
Date: 12/12/2001
Action: Leak Reported

Global Id: T0611125329
Action Type: REMEDIATION
Date: 10/18/2001
Action: Excavation

LUST:
Global Id: T0611125329
Status: Open - Case Begin Date
Status Date: 10/18/2001

Global Id: T0611125329
Status: Completed - Case Closed
Status Date: 04/23/2002

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura

LEXUS OF OXNARD (Continued) **S105181175**

Facility Id:	930300925	
Status:	Not reported	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Undefined	
Abatement Method Used at the Site:		Not reported
Global ID:	T061110805	
W Global ID:	Not reported	
Staff:	Not reported	
Local Agency:	Not reported	
Cross Street:	ROSE AVE	
Enforcement Type:	Not reported	
Date Leak Discovered:	10/18/2001	
Date Leak First Reported:		12/12/2001
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		12/12/2001
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	RON HOLMES	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1126.045512566184209687225456 7
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RON HOLMES	
RP Address:	505 PARK AVE. #900	
Program:	LUST	
Lat/Long:	34.228343 / -1	
Local Agency Staff:	Not reported	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Haz Mat incident report filed	
Region:	4	

LEXUS OF OXNARD (Continued) **S105181175**

Regional Board:	04	
County:	Ventura	
Facility Id:	C01031	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	01031	
Case Type:	Undefined	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611125329	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	ROSE AVE.	
Enforcement Type:	CLOS	
Date Leak Discovered:	10/18/2001	
Date Leak First Reported:		12/12/2001
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	10/18/2001	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		4/23/2002
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Close Tank	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		1126.045512566184209687225456 7
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	RON HOLMES	
RP Address:	505 PARK AVE. #900	
Program:	LUST	
Lat/Long:	34.228343 / -1	
Local Agency Staff:	EHD	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

LEXUS OF OXNARD (Continued) **S105181175**

VENTURA CO. LUST:
Name: LEXUS OF OXNARD
Address: 1621 AUTO CENTER DR.
City: OXNARD
Region: VENTURA
Facility ID: 01031
Status: Case Closed

CORTESE:

Name:	LEXUS OF OXNARD
Address:	1621 AUTO CENTER DR
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T061110805
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

Name:	LEXUS OF OXNARD
Address:	1621 AUTO CENTER DR.
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611125329
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported

LEXUS OF OXNARD (Continued) **S105181175**

Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: LEXUS OF OXNARD
Address: 1621 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93030
Site ID: 202612
CERS ID: T0611125329
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

Name: LEXUS OF OXNARD
Address: 1621 AUTO CENTER DR
City,State,Zip: OXNARD, CA 93030
Site ID: 229221
CERS ID: T061110805
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: ERIN K. O'CONNELL - VENTURA COUNTY
Entity Title: Not reported
Affiliation Address: 800 S. VICTORIA AVE
Affiliation City: VENTURA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Regional Board Caseworker
Entity Name: UNKNOWN - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: 320 W 4TH STREET
Affiliation City: LOS ANGELES
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

B6 **OXNARD EUROPEAN MOTORS LLC** **CERS HAZ WASTE** **S113155801**
SSW **1511 AUTO CENTER DR** **CERS TANKS** **N/A**
< 1/8 **OXNARD, CA 93036** **HAZNET**
0.091 mi. **CERS**
483 ft. **Site 1 of 3 in cluster B** **HWTS**

Relative:
Lower

Actual:
90 ft.

CERS HAZ WASTE:
Name: MERCEDES BENZ OF OXNARD
Address: 1511 AUTO CENTER DRIVE
City,State,Zip: OXNARD, CA 93036
Site ID: 134271
CERS ID: 10201846
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: MERCEDES BENZ OF OXNARD
Address: 1511 AUTO CENTER DRIVE
City,State,Zip: OXNARD, CA 93036
Site ID: 134271
CERS ID: 10201846
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: OXNARD EUROPEAN MOTORS LLC
Address: 1511 AUTO CENTER DR
Address 2: Not reported
City,State,Zip: OXNARD, CA 930367916
Contact: DENNIS KRAMER
Telephone: 8056046500
Mailing Name: Not reported
Mailing Address: 1511 AUTO CENTER DRIVE

Year: 2018
Gepaid: CAL000342103
TSD EPA ID: CAD044429835
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.70000

Year: 2018
Gepaid: CAL000342103
TSD EPA ID: CAD044429835
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.50000

Year: 2017
Gepaid: CAL000342103
TSD EPA ID: CAD044429835
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.5125

Year: 2017
Gepaid: CAL000342103

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

TSD EPA ID:	CAD044429835
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	5.004
Year:	2017
Gepaid:	CAL000342103
TSD EPA ID:	CAD044429835
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.75
Year:	2017
Gepaid:	CAL000342103
TSD EPA ID:	AZR000515924
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.18
Year:	2016
Gepaid:	CAL000342103
TSD EPA ID:	CAD044429835
CA Waste Code:	-
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2
Year:	2016
Gepaid:	CAL000342103
TSD EPA ID:	CAD044429835
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05
Year:	2016
Gepaid:	CAL000342103
TSD EPA ID:	CAD044429835
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075
Year:	2016
Gepaid:	CAL000342103
TSD EPA ID:	AZR000515924
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.325

Click this hyperlink while viewing on your computer to access
8 additional CA HAZNET: record(s) in the EDR Site Report.

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Additional Info:

Year:	2013
Gen EPA ID:	CAL000342103
Shipment Date:	20130917
Creation Date:	11/4/2013 22:15:04
Receipt Date:	20130927
Manifest ID:	006774260FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130205
Creation Date:	6/28/2013 22:15:05
Receipt Date:	20130207
Manifest ID:	003174824SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Gen EPA ID:	CAL000342103
Shipment Date:	20171221
Creation Date:	10/27/2018 18:30:26
Receipt Date:	20180112
Manifest ID:	006299867SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	F001
Additional Code 2:	D040
Additional Code 3:	D039
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20171221
Creation Date:	6/20/2018 18:31:41
Receipt Date:	20180108
Manifest ID:	006337646SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171110
Creation Date:	6/13/2018 18:30:39
Receipt Date:	20171127
Manifest ID:	006299372SKS
Trans EPA ID:	TXR000081205

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170925
Creation Date:	6/13/2018 18:30:55
Receipt Date:	20171005
Manifest ID:	006245510SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170605
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20170620
Manifest ID:	005934278SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	F001
Additional Code 2:	D040
Additional Code 3:	D039
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20170427
Creation Date:	5/30/2018 18:30:45
Receipt Date:	20170510
Manifest ID:	005991620SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	1.075
Waste Quantity:	2150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170413
Creation Date:	5/21/2018 18:33:13
Receipt Date:	20170426
Manifest ID:	005933963SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170413
Creation Date:	5/9/2018 18:31:44
Receipt Date:	20170414
Manifest ID:	009896500FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	5.004
Waste Quantity:	1200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170217
Creation Date:	5/18/2017 18:32:03
Receipt Date:	20170228
Manifest ID:	010271672FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS, INC.
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON, LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170127

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Creation Date:	5/9/2018 18:30:45
Receipt Date:	20170206
Manifest ID:	016855516JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	CAR000175422
Trans 2 Name:	WORLDWIDE RECOVERY SYSTEM INC
TSDF EPA ID:	AZR000515924
Trans Name:	YUMA YES LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18
Waste Quantity:	360
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000342103
Shipment Date:	20111112
Creation Date:	4/14/2012 20:30:11
Receipt Date:	20111116
Manifest ID:	003807014FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.025
Waste Quantity:	50
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111105
Creation Date:	4/12/2012 20:30:13
Receipt Date:	20111111
Manifest ID:	003742421FLE

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.168
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110720
Creation Date:	12/20/2011 18:30:15
Receipt Date:	20110726
Manifest ID:	002901023SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	D008
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110527
Creation Date:	11/12/2011 18:30:11
Receipt Date:	20110613
Manifest ID:	002844859SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000342103
Shipment Date:	20120912
Creation Date:	8/18/2013 22:15:21
Receipt Date:	20120930
Manifest ID:	003340965SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000342103
Shipment Date:	20140122
Creation Date:	4/5/2014 22:15:21
Receipt Date:	20140202
Manifest ID:	006773862FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	MERCEDES BENZ OF OXNARD
Address:	1511 AUTO CENTER DRIVE
City,State,Zip:	OXNARD, CA 93036
Site ID:	134271
CERS ID:	10201846
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	11-05-2014
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 08/05/2015. Hazardous material inventory submitted to CERS on Dec 2013 is incomplete: -Provide "Hazardous Material Type". Ensure to report hazardous waste as "Waste"/ -Provide annual waste amount for hazardous waste.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	10-29-2018
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 10/30/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	11-05-2014
Citation:	19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Violation Description:	Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes:	Returned to compliance on 08/05/2015. Business Owner/Operator Identification page submitted to CERS on Dec 2013 is not accurate. Update information and include property owner information.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	09-30-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan.
Violation Notes:	Returned to compliance on 10/25/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	11-05-2014
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 08/05/2015. Emergency Response Plan submitted to CERS on Dec 2013 is not accurate. Update the Emergency Response Plan, upload to CERS, and maintain a copy available for employees. Also update site map.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	09-30-2019
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes:	Returned to compliance on 10/29/2019. some employees approximately 30

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

	days overdue
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	10-29-2018
Citation:	22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description:	Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes:	Returned to compliance on 09/30/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	11-05-2014
Citation:	40 CFR 1 265.201(c)(3) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(3)
Violation Description:	Failure to conduct daily tank inspection of the discharge systems, monitoring equipment, and tank levels.
Violation Notes:	Returned to compliance on 08/05/2015. Overfill alarm to hazardous waste tanks was last serviced by a qualified tank professional on 7.12.13. Provide annual service to hazardous waste tank overfill alarm.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	09-30-2019
Citation:	22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Description:	Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes:	Returned to compliance on 10/14/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	10-29-2018
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan.

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Violation Notes:	Returned to compliance on 10/25/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	11-05-2014
Citation:	22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description:	Failure to maintain at the facility a copy of the contingency plan and all its revisions and to submit a copy to the local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes:	Returned to compliance on 08/05/2015. Contingency Plan submitted to CERS in December 2013 is not accurate. Update the contingency plan, upload to CERS, and maintain a copy available for employees. Also update site map.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	09-30-2019
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 10/07/2019. Business incorrectly marked the business activities page
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Violation Date:	10-29-2018
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes:	Returned to compliance on 10/29/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HW

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-30-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-30-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-30-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-29-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-05-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Site Address:	1511 AUTO CENTER DRIVE
Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	07-23-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Due 8/7/15.
Enf Action Division:	Oxnard City CUPA
Enf Action Program:	HMRRP
Enf Action Source:	CERS

Site ID:	134271
Site Name:	Mercedes Benz of Oxnard
Site Address:	1511 AUTO CENTER DRIVE
Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	07-23-2015
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Due 8/7/15.
Enf Action Division:	Oxnard City CUPA
Enf Action Program:	HW
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	KPA LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Affiliation Type Desc:	Legal Owner
Entity Name:	Grieco Motors West LLC
Entity Title:	Not reported
Affiliation Address:	1511 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 604-6500

Affiliation Type Desc:	Operator
Entity Name:	HK
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 604-6500

Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722

Affiliation Type Desc:	Identification Signer
Entity Name:	Mike Mokhtari
Entity Title:	Service Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	Mercedes Benz of Oxnard
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	Mike Mokhtari
Entity Title:	Not reported
Affiliation Address:	1511 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported

OXNARD EUROPEAN MOTORS LLC (Continued) **S113155801**

Affiliation Zip: 93036
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1511 Auto Center Drive
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93036
Affiliation Phone: Not reported

HWTS:
Name: OXNARD EUROPEAN MOTORS LLC
Address: 1511 AUTO CENTER DR
Address 2: Not reported
City,State,Zip: OXNARD, CA 930367916
EPA ID: CAL000342103
Inactive Date: 10/03/2018
Create Date: 04/10/2009
Last Act Date: 10/03/2018
Mailing Name: Not reported
Mailing Address: 1511 AUTO CENTER DRIVE
Mailing Address 2: Not reported
Mailing City,State,Zip: OXNARD, CA 930367916
Owner Name: OXNARD MB LLC
Owner Address: 1511 AUTO CTR DR
Owner Address 2: Not reported
Owner City,State,Zip: OXNARD, CA 930367916
Contact Name: DENNIS KRAMER
Contact Address: 1511 AUTO CENTER DR
Contact Address 2: Not reported
City,State,Zip: OXNARD, CA 93036

B7 **OXNARD EUROPEAN MOTORS LLC** **RCRA NonGen / NLR** **1024822899**
SSW **1511 AUTO CENTER DR** **CAL000342103**
< 1/8 **OXNARD, CA 93036**
0.091 mi.
483 ft. **Site 2 of 3 in cluster B**

Relative: **Lower**
Actual: **90 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2009-04-10 00:00:00.0
Handler Name: OXNARD EUROPEAN MOTORS LLC
Handler Address: 1511 AUTO CENTER DR
Handler City,State,Zip: OXNARD, CA 93036-7916
EPA ID: CAL000342103
Contact Name: DENNIS KRAMER
Contact Address: 1511 AUTO CENTER DR
Contact City,State,Zip: OXNARD, CA 93036
Contact Telephone: 805-604-6500
Contact Fax: 805-604-6562
Contact Email: KRAMERD@AUTONATION.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported

OXNARD EUROPEAN MOTORS LLC (Continued) **1024822899**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1511 AUTO CENTER DRIVE
Mailing City,State,Zip:	OXNARD, CA 93036-7916
Owner Name:	OXNARD MB LLC
Owner Type:	Other
Operator Name:	DENNIS KRAMER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

OXNARD EUROPEAN MOTORS LLC (Continued) **1024822899**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:31:15.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OXNARD MB LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1511 AUTO CTR DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036-7916
Owner/Operator Telephone:	805-604-6500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DENNIS KRAMER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1511 AUTO CENTER DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-604-6500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2009-04-10 00:00:00.0
Handler Name:	OXNARD EUROPEAN MOTORS LLC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

OXNARD EUROPEAN MOTORS LLC (Continued) **1024822899**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B8 **GRIECO MOTORS WEST LLC DBA MERCEDES-BENZ OF OXNARD** **RCRA NonGen / NLR** **1024870967**
SSW **1511 AUTO CENTER DR** **CAL000439611**
< 1/8 **VENTURA, CA 93036**
0.091 mi.
483 ft. **Site 3 of 3 in cluster B**

Relative: RCRA NonGen / NLR:
Lower

Actual: Date Form Received by Agency:	2018-10-03 00:00:00.0
90 ft. Handler Name:	GRIECO MOTORS WEST LLC DBA MERCEDES-BENZ OF OXNARD
Handler Address:	1511 AUTO CENTER DR
Handler City,State,Zip:	VENTURA, CA 93036
EPA ID:	CAL000439611
Contact Name:	SCOTT OLENSKI
Contact Address:	1511 AUTO CENTER DR
Contact City,State,Zip:	VENTURA, CA 93036
Contact Telephone:	805-604-6500
Contact Fax:	805-604-6562
Contact Email:	SOLENSKI@GRIECOAG.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1511 AUTO CENTER DR
Mailing City,State,Zip:	VENTURA, CA 93036
Owner Name:	GRIECO MOTORS WEST LLC
Owner Type:	Other
Operator Name:	SCOTT OLENSKI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

GRIECO MOTORS WEST LLC DBA MERCEDES-BENZ OF OXNARD (Continued) **1024870967**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-11-20 16:31:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GRIECO MOTORS WEST LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1511 AUTO CENTER DR
Owner/Operator City,State,Zip:	VENTURA, CA 93036
Owner/Operator Telephone:	805-604-6500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	SCOTT OLENSKI
Legal Status:	Other

GRIECO MOTORS WEST LLC DBA MERCEDES-BENZ OF OXNARD (Continued) **1024870967**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1511 AUTO CENTER DR
Owner/Operator City,State,Zip:	VENTURA, CA 93036
Owner/Operator Telephone:	805-604-6500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2018-10-03 00:00:00.0
Handler Name:	GRIECO MOTORS WEST LLC DBA MERCEDES-BENZ OF OXNARD
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	441110
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

A9 **ALEXANDER CADILLAC** **AST** **A100417013**
SSE **1600 AUTO CENTER DRIVE** **N/A**
< 1/8 **OXNARD, CA 93036**
0.108 mi.
569 ft. **Site 6 of 9 in cluster A**

Relative: AST:
Lower

Actual:
89 ft.

Name:	ALEXANDER CADILLAC
Address:	1600 AUTO CENTER DRIVE
City/Zip:	OXNARD,93036
Certified Unified Program Agencies:	Not reported
Owner:	Robert Alexander
Total Gallons:	Not reported
CERSID:	10202194
Facility ID:	Not reported
Business Name:	Alexander Cadillac
Phone:	805-988-2200
Fax:	Not reported
Mailing Address:	1600 Auto Center Drive
Mailing Address City:	Oxnard
Mailing Address State:	CA
Mailing Address Zip Code:	93036

ALEXANDER CADILLAC (Continued) **A100417013**

Operator Name:	Robert Alexander
Operator Phone:	805-988-2200
Owner Phone:	805-988-2200
Owner Mail Address:	1600 Auto Center Drive
Owner State:	CA
Owner Zip Code:	93036
Owner Country:	United States
Property Owner Name:	Leo Bunnin
Property Owner Phone:	805-988-2200
Property Owner Mailing Address:	1600 Auto Center Drive
Property Owner City:	Oxnard
Property Owner Stat :	CA
Property Owner Zip Code:	93036
Property Owner Country:	United States
EPAID:	CAL000374663

A10 **BUNNIN BUICK-GMC** **AST** **A100339772**
SSE **1600 AUTO CENTER DR.** **N/A**
< 1/8 **OXNARD, CA**
0.108 mi.
569 ft. **Site 7 of 9 in cluster A**

Relative: AST:
Lower

Actual:
89 ft.

Name:	BUNNIN BUICK-GMC
Address:	1600 AUTO CENTER DR.
City/Zip:	OXNARD,
Certified Unified Program Agencies:	Oxnard
Owner:	LEO BUNNIN
Total Gallons:	1,750
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

A11
SSE
< 1/8
0.108 mi.
569 ft.

R&A ALEXANDER INVESTMENTS LLC DBA ALEXANDER BUICK — **RCRA NonGen / NLR** — **1024834322**
1600 AUTO CENTER DR — **CAL000374663**
OXNARD, CA 93036

Site 8 of 9 in cluster A

Relative:
Lower

Actual:
89 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2012-05-18 00:00:00.0
Handler Name:	R&A ALEXANDER INVESTMENTS LLC DBA ALEXANDER BUICK GMC CADILLAC
Handler Address:	1600 AUTO CENTER DR
Handler City,State,Zip:	OXNARD, CA 93036
EPA ID:	CAL000374663
Contact Name:	KATIE KEMP
Contact Address:	1600 AUTO CENTER DR
Contact City,State,Zip:	OXNARD, CA 93036
Contact Telephone:	805-988-2200
Contact Fax:	Not reported
Contact Email:	KKEMP@ALEXANDERBGC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1600 AUTO CENTER DR
Mailing City,State,Zip:	OXNARD, CA 93036-0000
Owner Name:	R&A ALEXANDER INVESTMENTS LLC
Owner Type:	Other
Operator Name:	KATIE KEMP
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

R&A ALEXANDER INVESTMENTS LLC DBA ALEXANDER BUICK GMC CADILL (Continued) **1024834322**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:00:50.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	R&A ALEXANDER INVESTMENTS LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1600 AUTO CENTER DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036-0000
Owner/Operator Telephone:	805-988-2200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KATIE KEMP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1600 AUTO CENTER DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-988-2200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

R&A ALEXANDER INVESTMENTS LLC DBA ALEXANDER BUICK GMC CADILL (Continued) 1024834322

Historic Generators:
Receive Date: 2012-05-18 00:00:00.0
Handler Name: R&A ALEXANDER INVESTMENTS LLC DBA ALEXANDER BUICK GMC CADILLAC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A12 BUNNIN BUICK-GMC INC CERS HAZ WASTE S113111268
SSE 1600 AUTO CENTER DR CERS TANKS N/A
< 1/8 OXNARD, CA 93036 HAZNET
0.108 mi. CERS
569 ft. Site 9 of 9 in cluster A HWTS

Relative: Lower
Actual: 89 ft.

CERS HAZ WASTE:
Name: ALEXANDER HYUNDAI OF OXNARD
Address: 1600 AUTO CENTER DRIVE
City,State,Zip: OXNARD, CA 93036
Site ID: 90769
CERS ID: 10202194
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: ALEXANDER HYUNDAI OF OXNARD
Address: 1600 AUTO CENTER DRIVE
City,State,Zip: OXNARD, CA 93036
Site ID: 90769
CERS ID: 10202194
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: BUNNIN BUICK-GMC INC
Address: 1600 AUTO CENTER DR
Address 2: Not reported
City,State,Zip: OXNARD, CA 930367998

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Contact:	VANESSA GONZALES, SVC MGR
Telephone:	8059882200
Mailing Name:	Not reported
Mailing Address:	1600 AUTO CENTER DR
Year:	2012
Gepaid:	CAL000220628
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	14.3865
Year:	2011
Gepaid:	CAL000220628
TSD EPA ID:	TXD077603371
CA Waste Code:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.075
Year:	2011
Gepaid:	CAL000220628
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H020 - Solvents Recovery
Tons:	0.054
Year:	2011
Gepaid:	CAL000220628
TSD EPA ID:	CAD008252405
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.2
Year:	2011
Gepaid:	CAL000220628
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	10.61265
Year:	2010
Gepaid:	CAL000220628
TSD EPA ID:	CAD008252405
CA Waste Code:	352 - Other organic solids
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.3625
Year:	2010
Gepaid:	CAL000220628
TSD EPA ID:	CAD008252405
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.144

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Year: 2010
Gepaid: CAL000220628
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H020 - Solvents Recovery
Tons: 0.162

Year: 2009
Gepaid: CAL000220628
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.102

Year: 2009
Gepaid: CAL000220628
TSD EPA ID: CAT080013352
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 22.11351

Click this hyperlink while viewing on your computer to access
34 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2007
Gen EPA ID: CAL000220628

Shipment Date: 20071017
Creation Date: 6/4/2008 18:30:16
Receipt Date: 20071017
Manifest ID: 003329513JJK
Trans EPA ID: CAD008252405
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: F005
Meth Code: H020 - Solvents Recovery
Quantity Tons: 0.18
Waste Quantity: 50
Quantity Unit: G
Additional Code 1: F003
Additional Code 2: D001
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20071017
Creation Date: 6/4/2008 18:30:16

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Receipt Date:	20071017
Manifest ID:	003329513JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20071017
Creation Date:	6/4/2008 18:30:16
Receipt Date:	20071017
Manifest ID:	003329513JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070830
Creation Date:	12/10/2007 18:30:13
Receipt Date:	20070831
Manifest ID:	000296142SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON

BUNNIN BUICK-GMC INC (Continued) **S113111268**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	6.12573
Waste Quantity:	1469
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070821
Creation Date:	3/4/2008 18:30:55
Receipt Date:	20070821
Manifest ID:	001650569JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.054
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070720
Creation Date:	12/10/2007 18:30:13
Receipt Date:	20070723
Manifest ID:	000294168SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	7.78956
Waste Quantity:	1868

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070613
Creation Date:	1/25/2008 18:30:52
Receipt Date:	20070613
Manifest ID:	001652436JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1728
Waste Quantity:	48
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070416
Creation Date:	12/10/2007 18:30:36
Receipt Date:	20070416
Manifest ID:	001648321JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070227
Creation Date:	8/28/2007 18:30:13

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Receipt Date:	20070227
Manifest ID:	001647955JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070115
Creation Date:	8/9/2007 18:30:06
Receipt Date:	20070117
Manifest ID:	000214025CEX
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.41283
Waste Quantity:	99
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2005
Gen EPA ID:	CAL000220628

Shipment Date:	20051117
Creation Date:	3/14/2007 18:30:14
Receipt Date:	20051117
Manifest ID:	24467380
Trans EPA ID:	CAD008252405

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAT000646117
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051028
Creation Date:	5/16/2006 10:34:49
Receipt Date:	Not reported
Manifest ID:	24265199
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	1.0285
Waste Quantity:	2057
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20051028
Creation Date:	5/16/2006 10:34:49
Receipt Date:	Not reported
Manifest ID:	24265199
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Meth Code:	- Not reported
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050608
Creation Date:	9/15/2005 18:32:02
Receipt Date:	20050610
Manifest ID:	24318827
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO-KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	8.1732
Waste Quantity:	1960
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050603
Creation Date:	9/13/2005 18:30:54
Receipt Date:	20050603
Manifest ID:	24472012
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Additional Info:

Year:	2009
Gen EPA ID:	CAL000220628
Shipment Date:	20090813
Creation Date:	3/5/2010 18:30:08
Receipt Date:	20090814
Manifest ID:	005778921JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090622
Creation Date:	8/12/2009 18:30:19
Receipt Date:	20090623
Manifest ID:	001707492SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	4.18668
Waste Quantity:	1004
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090603
Creation Date:	7/20/2009 18:30:08
Receipt Date:	20090604

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Manifest ID:	001707486SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	7.7145
Waste Quantity:	1850
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090603
Creation Date:	7/20/2009 18:30:08
Receipt Date:	20090604
Manifest ID:	001707487SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.95733
Waste Quantity:	949
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090528
Creation Date:	10/20/2009 18:30:23
Receipt Date:	20090528
Manifest ID:	005768277JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY

BUNNIN BUICK-GMC INC (Continued) **S113111268**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.0864
Waste Quantity:	24
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090310
Creation Date:	4/21/2009 18:30:21
Receipt Date:	20090318
Manifest ID:	005355257JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090220
Creation Date:	7/20/2009 18:30:18
Receipt Date:	20090220
Manifest ID:	004998148JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	- Not reported
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090220
Creation Date:	7/20/2009 18:30:18
Receipt Date:	20090220
Manifest ID:	004998148JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090102
Creation Date:	3/24/2009 18:30:09
Receipt Date:	20090112
Manifest ID:	001535393SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	6.255
Waste Quantity:	1500
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Additional Info:

Year:	2011
Gen EPA ID:	CAL000220628
Shipment Date:	20111012
Creation Date:	4/12/2012 20:30:13
Receipt Date:	20111012
Manifest ID:	008713390JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.018
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110722
Creation Date:	12/20/2011 18:30:24
Receipt Date:	20110722
Manifest ID:	008662448JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.036
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110722
Creation Date:	12/20/2011 18:30:24
Receipt Date:	20110722
Manifest ID:	008662448JJK
Trans EPA ID:	CAR000194837

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110412
Creation Date:	6/4/2011 18:30:41
Receipt Date:	20110412
Manifest ID:	002599174SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	6.73872
Waste Quantity:	1616
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110330
Creation Date:	6/4/2011 18:30:11
Receipt Date:	20110331
Manifest ID:	003808375FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.87393
Waste Quantity:	929
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110317
Creation Date:	8/25/2011 18:30:35
Receipt Date:	20110329
Manifest ID:	003808462FLE
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	TXD077603371
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110127
Creation Date:	7/8/2011 18:30:12
Receipt Date:	20110204
Manifest ID:	007418238JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000220628
Shipment Date:	20061228
Creation Date:	8/7/2007 18:30:14
Receipt Date:	20061228
Manifest ID:	001644983JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.1152
Waste Quantity:	32
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060901
Creation Date:	10/4/2006 18:31:30
Receipt Date:	Not reported
Manifest ID:	25033758
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	6.16326
Waste Quantity:	1478
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Shipment Date:	20060828
Creation Date:	10/5/2006 18:32:01
Receipt Date:	20060828
Manifest ID:	25231249
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060828
Creation Date:	10/5/2006 18:32:01
Receipt Date:	20060828
Manifest ID:	25231249
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.0648
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060810
Creation Date:	10/5/2006 18:32:01
Receipt Date:	20060816
Manifest ID:	24823824
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060727
Creation Date:	10/5/2006 18:30:55
Receipt Date:	20060727
Manifest ID:	25033759
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.87633
Waste Quantity:	1649
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20060710
Creation Date:	9/8/2006 18:33:59
Receipt Date:	20060710
Manifest ID:	22615209
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060612
Creation Date:	9/14/2006 18:38:11
Receipt Date:	20060613
Manifest ID:	24625572
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	3.31098
Waste Quantity:	794
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060612
Creation Date:	9/8/2006 18:30:50
Receipt Date:	20060613
Manifest ID:	24625573
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	5.44602
Waste Quantity:	1306
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060508
Creation Date:	12/20/2006 18:30:44
Receipt Date:	20060508

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Manifest ID:	25085551
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2003
Gen EPA ID:	CAL000220628
Shipment Date:	20031201
Creation Date:	8/12/2004 8:09:46
Receipt Date:	20031211
Manifest ID:	22930780
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080033681
Trans Name:	D/K ENVIRONMENTAL
TSDF Alt EPA ID:	CAT080033681
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.45
Waste Quantity:	900
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030616
Creation Date:	7/22/2004 8:36:14
Receipt Date:	20030617
Manifest ID:	22549261
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	4.1283
Waste Quantity:	990
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030616
Creation Date:	7/22/2004 8:36:14
Receipt Date:	20030617
Manifest ID:	22549262
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	4.17
Waste Quantity:	1000
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030403
Creation Date:	6/21/2003 18:30:56
Receipt Date:	20030411
Manifest ID:	22440214
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000220628
Shipment Date:	20120321
Creation Date:	5/25/2012 20:30:28
Receipt Date:	20120322
Manifest ID:	002846723SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	6.0465
Waste Quantity:	1450
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120321
Creation Date:	5/25/2012 20:30:28
Receipt Date:	20120322
Manifest ID:	003174091SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	4.3785
Waste Quantity:	1050
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120321
Creation Date:	5/25/2012 20:30:28
Receipt Date:	20120322
Manifest ID:	003174090SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	3.9615
Waste Quantity:	950
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000220628
Shipment Date:	20081230
Creation Date:	5/12/2009 18:30:20
Receipt Date:	20081230
Manifest ID:	004995118JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.054
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Shipment Date:	20081230
Creation Date:	5/12/2009 18:30:20
Receipt Date:	20081230
Manifest ID:	004995118JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080926
Creation Date:	11/17/2008 18:30:08
Receipt Date:	20081001
Manifest ID:	001080444SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	1.90152
Waste Quantity:	456
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080925
Creation Date:	11/17/2008 18:30:08
Receipt Date:	20081001
Manifest ID:	001080443SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	8.91546
Waste Quantity:	2138
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080902
Creation Date:	1/28/2009 18:30:25
Receipt Date:	20080902
Manifest ID:	003937761JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0828
Waste Quantity:	23
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080630
Creation Date:	11/17/2008 18:30:24
Receipt Date:	20080630
Manifest ID:	003935146JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Quantity Tons:	0.0936
Waste Quantity:	26
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080630
Creation Date:	11/17/2008 18:30:24
Receipt Date:	20080630
Manifest ID:	003935146JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080211
Creation Date:	8/7/2008 18:30:07
Receipt Date:	20080211
Manifest ID:	003326927JJK
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.1224
Waste Quantity:	34
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Additional Info:

Year:	2002
Gen EPA ID:	CAL000220628
Shipment Date:	20021202
Creation Date:	3/27/2003 18:31:27
Receipt Date:	20021210
Manifest ID:	22140714
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020403
Creation Date:	6/18/2003 18:31:05
Receipt Date:	Not reported
Manifest ID:	22440214
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000220628

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Shipment Date:	20101022
Creation Date:	4/22/2011 18:30:28
Receipt Date:	20101022
Manifest ID:	007413987JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100715
Creation Date:	1/24/2011 18:30:37
Receipt Date:	20100715
Manifest ID:	006495294JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100419
Creation Date:	12/16/2010 18:30:53
Receipt Date:	20100419
Manifest ID:	006491442JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0648
Waste Quantity:	18
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100325
Creation Date:	12/3/2010 18:30:36
Receipt Date:	20100325
Manifest ID:	006490742JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0792
Waste Quantity:	22
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20100325
Creation Date:	12/3/2010 18:30:36
Receipt Date:	20100325
Manifest ID:	006490742JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100223
Creation Date:	11/30/2010 18:30:08
Receipt Date:	20100223
Manifest ID:	006487710JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100126
Creation Date:	11/3/2010 18:30:30
Receipt Date:	20100126
Manifest ID:	006487188JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.162
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Additional Info:

Year:	2004
Gen EPA ID:	CAL000220628
Shipment Date:	20041220
Creation Date:	3/13/2007 18:30:13
Receipt Date:	20041220
Manifest ID:	23862485
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041020
Creation Date:	1/20/2005 18:31:32
Receipt Date:	20041026
Manifest ID:	24091106
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO-KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	NONE
Meth Code:	- Not reported
Quantity Tons:	1.8348
Waste Quantity:	440
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040428
Creation Date:	10/14/2004 15:19:37
Receipt Date:	20040428
Manifest ID:	22302872
Trans EPA ID:	CAR000053587

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Trans Name:	JEM INDUSTRIES INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D001
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	1.05
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040422
Creation Date:	10/15/2004 10:46:40
Receipt Date:	20040423
Manifest ID:	23809485
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	4.7538
Waste Quantity:	1140
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040422
Creation Date:	10/15/2004 10:46:40
Receipt Date:	20040423
Manifest ID:	23809486
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Meth Code:	- Not reported
Quantity Tons:	4.0866
Waste Quantity:	980
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040206
Creation Date:	1/5/2007 18:31:00
Receipt Date:	20040213
Manifest ID:	23543684
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.2927
Waste Quantity:	310
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	ALEXANDER HYUNDAI OF OXNARD
Address:	1600 AUTO CENTER DRIVE
City,State,Zip:	OXNARD, CA 93036
Site ID:	90769
CERS ID:	10202194
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	90769
Site Name:	Alexander Hyundai of Oxnard
Violation Date:	05-14-2018
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 06/14/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Site ID: 90769
Site Name: Alexander Hyundai of Oxnard
Violation Date: 05-14-2018
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 06/14/2018.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 90769
Site Name: Alexander Hyundai of Oxnard
Violation Date: 06-02-2020
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/01/2020.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 90769
Site Name: Alexander Hyundai of Oxnard
Violation Date: 05-14-2018
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description: Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes: Returned to compliance on 06/14/2018.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 90769
Site Name: Alexander Hyundai of Oxnard
Violation Date: 06-02-2020
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to prepare a Spill Prevention, Control, and Countermeasures (SPCC) Plan.
Violation Notes: Returned to compliance on 07/01/2020.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Eval Date: 05-14-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-02-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Legal Owner
Entity Name: Robert Alexander
Entity Title: Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Affiliation Address:	1600 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 988-2200
Affiliation Type Desc:	Property Owner
Entity Name:	Leo Bunnin
Entity Title:	Not reported
Affiliation Address:	1600 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 988-2200
Affiliation Type Desc:	Document Preparer
Entity Name:	Chris Mamoulelis, Celly Services, Inc.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Robert Alexander
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 988-2200
Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722
Affiliation Type Desc:	Parent Corporation
Entity Name:	Alexander Hyundai of Oxnard
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

BUNNIN BUICK-GMC INC (Continued) **S113111268**

Affiliation Type Desc:	Environmental Contact
Entity Name:	JJ Delgado
Entity Title:	Not reported
Affiliation Address:	1600 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1600 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	JJ Delgado
Entity Title:	Service Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

HWTS:

Name:	BUNNIN BUICK-GMC INC
Address:	1600 AUTO CENTER DR
Address 2:	1501 VENTURA BLVD(CONTIGUOUS)
City,State,Zip:	OXNARD, CA 930367998
EPA ID:	CAL000220628
Inactive Date:	06/30/2012
Create Date:	07/10/2001
Last Act Date:	03/19/2014
Mailing Name:	BUNNIN BUICK PONTIAC GMC CADILLAC
Mailing Address:	1600 AUTO CENTER DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930367998
Owner Name:	BUNNIN BUICK-GMC INC
Owner Address:	1600 AUTO CENTER DR
Owner Address 2:	1501 VENTURA BLVD(CONTIGUOUS)
Owner City,State,Zip:	OXNARD, CA 930367998
Contact Name:	VANESSA GONZALES, SVC MGR
Contact Address:	1600 AUTO CENTER DR
Contact Address 2:	1501 VENTURA BLVD(CONTIGUOUS)
City,State,Zip:	OXNARD, CA 930360000

NAICS:

EPA ID:	CAL000220628
Create Date:	2002-03-14 16:36:29.000
NAICS Code:	44111

BUNNIN BUICK-GMC INC (Continued) **S113111268**

NAICS Description:	New Car Dealers
Issued EPA ID Date:	2001-07-10 00:00:00
Inactive Date:	2012-06-30 00:00:00
Facility Name:	BUNNIN BUICK-GMC INC
Facility Address:	1600 AUTO CENTER DR
Facility Address 2:	1501 VENTURA BLVD(CONTIGUOUS)
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	930367998

C13 **DCH TOYOTA OF OXNARD** **CERS HAZ WASTE** **S123499129**
SSE **1631 AUTO CENTER DR** **CERS TANKS** **N/A**
< 1/8 **OXNARD, CA 93036** **CERS**
0.124 mi.
656 ft. **Site 1 of 7 in cluster C**

Relative:
Lower

Actual:
87 ft.

CERS HAZ WASTE:

Name:	DCH TOYOTA OF OXNARD
Address:	1631 AUTO CENTER DR
City,State,Zip:	OXNARD, CA 93036
Site ID:	110526
CERS ID:	10200550
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	DCH TOYOTA OF OXNARD
Address:	1631 AUTO CENTER DR
City,State,Zip:	OXNARD, CA 93036
Site ID:	110526
CERS ID:	10200550
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	DCH TOYOTA OF OXNARD
Address:	1631 AUTO CENTER DR
City,State,Zip:	OXNARD, CA 93036
Site ID:	110526
CERS ID:	10200550
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	110526
Site Name:	DCH Toyota of Oxnard
Violation Date:	10-09-2018
Citation:	HSC 6.67 Multiple - California Health and Safety Code, Chapter 6.67, Section(s) Multiple
Violation Description:	APSA Program - Operations/Maintenance - General
Violation Notes:	Returned to compliance on 11/08/2018. Failure to maintain aboveground storage tank in adequate condition (HSC, Section 6.67). 220(240) gallon tank of oil outside of facility is missing cover to secondary containment. Obtain missing cover to ensure secondary containment is clean and dry.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS

DCH TOYOTA OF OXNARD (Continued) **S123499129**

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 10-09-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes: Returned to compliance on 10/09/2018. Failure to update emergency contact information within 30 days on CERS. Update emergency contact information on CERS and submit.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 10-09-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to regularly inspect aboveground valves, piping, and appurtenances.
Violation Notes: Returned to compliance on 11/08/2018. Failure to provide and document aboveground tanks and hazardous waste accumulation areas inspections. Documented inspections are required to be available for three years. Inspections are to include conditions of tanks/containers, required information to tanks/containers, signs of leaking/spills, ensure leak/spills are cleaned up, etc... Also inspect secondary containments.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 10-09-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes: Returned to compliance on 11/08/2018. Most recent available training records dated 2015. Provide annual employee training and document.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 11-18-2014
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter

DCH TOYOTA OF OXNARD (Continued) **S123499129**

6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 05/31/2015. Most recent annual employee training record dated 7.2.2013. Provide annual employee training regarding hazardous material management, emergency response, and on aboveground tanks. Document training and maintain available.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 11-18-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 11/18/2014. Facility has not provided required information to CERS. Provide required information to CERS. Maintain annually.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 10-09-2018
Citation: 22 CCR 15 66265.174 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.174
Violation Description: Failure to inspect weekly, areas where hazardous waste containers are stored or transferred. The owner or operator shall look for leaking containers and for deterioration of containers and the containment system caused by corrosion or other factors.
Violation Notes: Returned to compliance on 11/08/2018. Failure to provide and document aboveground tanks and hazardous waste accumulation areas inspections. Documented inspections are required to be available for three years. Inspections are to include conditions of tanks/containers, required information to tanks/containers, signs of leaking/spills, ensure leak/spills are cleaned up, etc... Also inspect secondary containments.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 10-09-2018
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training

DCH TOYOTA OF OXNARD (Continued) **S123499129**

	records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes:	Returned to compliance on 11/08/2018. Most recent available training records dated 2015. Provide annual employee training and document.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	110526
Site Name:	DCH Toyota of Oxnard
Violation Date:	11-18-2014
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 08/31/2015. Disposal records for waste parts washer solution for 2014 are not available. Waste clarifier solution disposal records are not available for 2013 and 2014. Look through records and/or contact hauler to obtain missing documents. Maintain records for 3 years.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	110526
Site Name:	DCH Toyota of Oxnard
Violation Date:	10-09-2018
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 11/08/2018. Failure to maintain emergency response plan/contingency plan available onsite for employees. Maintain a copy from CERS available onsite.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	110526
Site Name:	DCH Toyota of Oxnard
Violation Date:	11-18-2014
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 11/18/2014. Inventory was not current. Update on CERS.

DCH TOYOTA OF OXNARD (Continued) **S123499129**

Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 11-18-2014
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 05/31/2015. Most recent annual employee training record dated 7.2.2013. Provide annual employee training regarding management of hazardous materials, emergency response, and aboveground tanks. Document training and maintain available.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 10-09-2018
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 11/08/2018. Most recent available training records dated 2015. Provide annual employee training and document.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 11-18-2014
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

DCH TOYOTA OF OXNARD (Continued) **S123499129**

Violation Description:	Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes:	Returned to compliance on 11/19/2014. Aboveground tanks inspection documented until August 2013. Provide daily inspections and document.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	110526
Site Name:	DCH Toyota of Oxnard
Violation Date:	08-10-2020
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 09/08/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	110526
Site Name:	DCH Toyota of Oxnard
Violation Date:	10-09-2018
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to conduct spill prevention briefing for oil-handling personnel at least once a year to assure adequate understanding of the SPCC Plan.
Violation Notes:	Returned to compliance on 11/08/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	110526
Site Name:	DCH Toyota of Oxnard
Violation Date:	10-09-2018
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes:	Returned to compliance on 11/08/2018. Per Bumann, the consultant KPA has a copy of the current Plan available on their website. Facility has stopped using their services therefore does not have access to Plan. The SPCC Plan is to be available and implemented. Establish a

DCH TOYOTA OF OXNARD (Continued) **S123499129**

new Plan or obtain access to current plan to review.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 10-09-2018
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes: Returned to compliance on 11/08/2018. The following copies are missing: #015903394 dated 9/15/16, #016854171 dated 3/14/17, #017732876 dated 8/23/17, #017727602 dated 10/5/17, #017740947 dated 1/19/18, #017744365 dated 4/23/18, #018191711 dated 8/23/18, #17781244 dated 9/18/18. These copies are to be onsite within 30 days of disposal and maintained available for three years. Look through records, contact hauler, and/or contact TSDF to obtain missing copies.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 10-09-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes: Returned to compliance on 11/08/2018. Failure to provide and document aboveground tanks and hazardous waste accumulation areas inspections. Documented inspections are required to be available for three years. Inspections are to include conditions of tanks/containers, required information to tanks/containers, signs of leaking/spills, ensure leak/spills are cleaned up, etc... Also inspect secondary containments.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Violation Date: 10-09-2018
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description: Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or

DCH TOYOTA OF OXNARD (Continued) **S123499129**

	business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 10/09/2018. Failure to update hazardous materials inventory on CERS within 30 days. Most recent submittal on 5/18/17 did not include Brake Cleaner nor paper filters. Update hazardous material inventory and site map on CERS.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	110526
Site Name:	DCH Toyota of Oxnard
Violation Date:	10-09-2018
Citation:	22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description:	Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes:	Returned to compliance on 11/08/2018. Failure to provide and document aboveground tanks and hazardous waste accumulation areas inspections. Documented inspections are required to be available for three years. Inspections are to include conditions of tanks/containers, required information to tanks/containers, signs of leaking/spills, ensure leak/spills are cleaned up, etc... Also inspect secondary containments.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	110526
Site Name:	DCH Toyota of Oxnard
Violation Date:	10-09-2018
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description:	Failure to include in the SPCC plan an adequate description of employee training. Training shall address, at a minimum: operation and maintenance of equipment to prevent discharges; discharge procedure protocols; applicable pollution control laws, rules, and regulations; general facility operations; content of the facility SPCC plan; and annual discharge prevention briefings for oil-handling personnel to assure adequate understanding of the SPCC plan.
Violation Notes:	Returned to compliance on 11/08/2018. Most recent available training records dated 2015. Provide annual employee training and document.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-09-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	HW
Eval Source:	CERS

DCH TOYOTA OF OXNARD (Continued) **S123499129**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-18-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-10-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-10-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-10-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-09-2018
Violations Found: Yes

DCH TOYOTA OF OXNARD (Continued) **S123499129**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-09-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 110526
Site Name: DCH Toyota of Oxnard
Site Address: 1631 AUTO CENTER DR
Site City: OXNARD
Site Zip: 93036
Enf Action Date: 08-19-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Due 9/3/15.
Enf Action Division: Oxnard City CUPA
Enf Action Program: APSA
Enf Action Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Site Address: 1631 AUTO CENTER DR
Site City: OXNARD
Site Zip: 93036
Enf Action Date: 08-19-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Due 9/3/15.
Enf Action Division: Oxnard City CUPA
Enf Action Program: HMRRP
Enf Action Source: CERS

Site ID: 110526
Site Name: DCH Toyota of Oxnard
Site Address: 1631 AUTO CENTER DR
Site City: OXNARD
Site Zip: 93036
Enf Action Date: 08-19-2015
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Due 9/3/15.
Enf Action Division: Oxnard City CUPA
Enf Action Program: HW
Enf Action Source: CERS

Coordinates:

DCH TOYOTA OF OXNARD (Continued) **S123499129**

Site ID: 110526
Facility Name: DCH Toyota of Oxnard
Env Int Type Code: HWG
Program ID: 10200550
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.227910
Longitude: -119.152560

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1631 Auto Center Dr
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93030
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Lars Bumann
Entity Title: Service and Parts Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: DCH Toyota of Oxnard
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Lars Bumann
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Lars Bumann
Entity Title: Not reported
Affiliation Address: 1631 Auto Center Dr
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported

DCH TOYOTA OF OXNARD (Continued) **S123499129**

Affiliation Zip:	93030
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Steve Chapman
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 857-6995
Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722
Affiliation Type Desc:	Legal Owner
Entity Name:	ACCOUNTS PAYABLE
Entity Title:	Not reported
Affiliation Address:	1631 Auto Center Dr.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93030
Affiliation Phone:	(805) 973-1000
Affiliation Type Desc:	Property Owner
Entity Name:	DCH Auto Group
Entity Title:	Not reported
Affiliation Address:	1631 Auto Center Dr.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93030
Affiliation Phone:	(805) 988-2300

C14 **DCH TOYOTA OF OXNARD** **AST** **A100419317**
SSE **1631 AUTO CENTER DR** **N/A**
< 1/8 **OXNARD, CA 93036**
0.124 mi.
656 ft. **Site 2 of 7 in cluster C**

Relative: AST:
Lower

Actual:
87 ft.

Name:	DCH TOYOTA OF OXNARD
Address:	1631 AUTO CENTER DR
City/Zip:	OXNARD,93036
Certified Unified Program Agencies:	Not reported
Owner:	Accounts Payable
Total Gallons:	Not reported
CERSID:	10200550

DCH TOYOTA OF OXNARD (Continued) **A100419317**

Facility ID:	Not reported
Business Name:	DCH Toyota of Oxnard
Phone:	8059887900
Fax:	Not reported
Mailing Address:	1631 Auto Center Dr
Mailing Address City:	Oxnard
Mailing Address State:	CA
Mailing Address Zip Code:	93030
Operator Name:	Steve Chapman
Operator Phone:	8058576995
Owner Phone:	8059731000
Owner Mail Address:	1631 Auto Center Dr.
Owner State:	CA
Owner Zip Code:	93030
Owner Country:	United States
Property Owner Name:	DCH Auto Group
Property Owner Phone:	8059882300
Property Owner Mailing Address:	1631 Auto Center Dr.
Property Owner City:	Oxnard
Property Owner Stat :	CA
Property Owner Zip Code:	93030
Property Owner Country:	United States
EPAID:	CAD98364214

C15 **TOYOTA OF OXNARD** **AST** **A100337053**
SSE **1631 AUTO CENTER DR.** **N/A**
< 1/8 **OXNARD, CA**
0.124 mi.
656 ft. **Site 3 of 7 in cluster C**

Relative: AST:
Lower

Actual:
87 ft.

Name:	TOYOTA OF OXNARD
Address:	1631 AUTO CENTER DR.
City/Zip:	OXNARD,
Certified Unified Program Agencies:	Oxnard
Owner:	DCH HOLDINGS, INC.
Total Gallons:	1,780
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported

TOYOTA OF OXNARD (Continued) **A100337053**

Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

D16 **VISTA FORD LINCOLN OF OXNARD** **RCRA NonGen / NLR** **1024858897**
SSW **1501 AUTO CENTER DR** **CAL000425543**
1/8-1/4 **OXNARD, CA 93030**
0.136 mi.
717 ft. **Site 1 of 5 in cluster D**

Relative: **Lower**
Actual: **91 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2017-03-10 00:00:00.0
Handler Name:	VISTA FORD LINCOLN OF OXNARD
Handler Address:	1501 AUTO CENTER DR
Handler City,State,Zip:	OXNARD, CA 93030
EPA ID:	CAL000425543
Contact Name:	ANTHONY FIORI
Contact Address:	1501 AUTO CENTER DR
Contact City,State,Zip:	OXNARD, CA 93036
Contact Telephone:	805-983-6511
Contact Fax:	805-988-9192
Contact Email:	KEVIN_CANTRELL@VISTAAUTO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1501 AUTO CENTER DR
Mailing City,State,Zip:	OXNARD, CA 93030-0000
Owner Name:	VISTA FORD OXNARD LLC
Owner Type:	Other
Operator Name:	ANTHONY FIORI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

VISTA FORD LINCOLN OF OXNARD (Continued) **1024858897**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:35:42.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ANTHONY FIORI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1501 AUTO CENTER DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-983-6511
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	VISTA FORD OXNARD LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1501 AUTO CENTER DRIVE
Owner/Operator City,State,Zip:	OXNARD, CA 93030-0000

VISTA FORD LINCOLN OF OXNARD (Continued) **1024858897**

Owner/Operator Telephone: 805-983-6511
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2017-03-10 00:00:00.0
Handler Name: VISTA FORD LINCOLN OF OXNARD
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D17 **VISTA FORD OF OXNARD** **AST** **A100337033**
SSW **1501 AUTO CENTER DR.** **N/A**
1/8-1/4 **OXNARD, CA**
0.136 mi.
717 ft. **Site 2 of 5 in cluster D**

Relative: AST:
Lower
Actual: Name: VISTA FORD OF OXNARD
91 ft. Address: 1501 AUTO CENTER DR.
City/Zip: OXNARD,
Certified Unified Program Agencies: Oxnard
Owner: Not reported
Total Gallons: 2,200
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: Not reported
Operator Phone: Not reported
Owner Phone: Not reported
Owner Mail Address: Not reported

VISTA FORD OF OXNARD (Continued) **A100337033**

Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

D18 **VISTA FORD OF OXNARD** **RCRA-SQG** **1004675402**
SSW **1501 AUTO CENTER DR** **CERS HAZ WASTE** **CAR000072470**
1/8-1/4 **OXNARD, CA 93036** **CERS TANKS**
0.136 mi. **FINDS**
717 ft. **Site 3 of 5 in cluster D** **CERS**

Relative: **Lower**

Actual: **91 ft.**

RCRA-SQG:

Date Form Received by Agency:		2000-04-20 00:00:00.0
Handler Name:	VISTA FORD OF OXNARD	
Handler Address:		1501 AUTO CENTER DR
Handler City,State,Zip:		OXNARD, CA 93030
EPA ID:		CAR000072470
Contact Name:		GEOFFREY HILL
Contact Address:		1501 AUTO CENTER DR
Contact City,State,Zip:		OXNARD, CA 93030
Contact Telephone:		805-983-6512
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1501 AUTO CENTER DR
Mailing City,State,Zip:		OXNARD, CA 93030
Owner Name:		RANDY HADDOCK
Owner Type:		Private
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No

VISTA FORD OF OXNARD (Continued) **1004675402**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-07 16:36:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RANDY HADDOCK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2660 MARVELLA CT

VISTA FORD OF OXNARD (Continued) **1004675402**

Owner/Operator City,State,Zip: CAMARILLO, CA 93012-8288
Owner/Operator Telephone: 805-532-1866
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2000-04-20 00:00:00.0
Handler Name: VISTA FORD OF OXNARD
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CERS HAZ WASTE:
Name: VISTA FORD LINCOLN OF OXNARD LLC
Address: 1501 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93036
Site ID: 169437
CERS ID: 10201072
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: VISTA FORD LINCOLN OF OXNARD LLC
Address: 1501 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93036
Site ID: 169437
CERS ID: 10201072
CERS Description: Aboveground Petroleum Storage

FINDS:
Registry ID: 110002936574

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for

VISTA FORD OF OXNARD (Continued) **1004675402**

generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
STATE MASTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CERS:
Name: VISTA FORD LINCOLN OF OXNARD LLC
Address: 1501 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93036
Site ID: 169437
CERS ID: 10201072
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 169437
Site Name: Vista Ford Lincoln of Oxnard LLC
Violation Date: 05-14-2018
Citation: 22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Description: Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes: Returned to compliance on 07/12/2018.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 169437
Site Name: Vista Ford Lincoln of Oxnard LLC
Violation Date: 05-14-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes: Returned to compliance on 07/12/2018.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Site ID: 169437
Site Name: Vista Ford Lincoln of Oxnard LLC
Violation Date: 07-08-2014
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter

VISTA FORD OF OXNARD (Continued) **1004675402**

	6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/25/2014. Hazardous Materials Inventory submitted on the State database CERS is no accurate. Update information such as oil inventory in AST, waste antifreeze inventory, and acetylene inventory.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	05-20-2020
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67 , Section(s) 25270.4.5 (a)
Violation Description:	Failure to have management or a professional engineer certify the SPCC Plan and comply with certification requirements at a qualified facility.
Violation Notes:	Returned to compliance on 08/10/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	07-08-2014
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes:	Returned to compliance on 09/29/2014. Manifest with TSDF signatures are not available. These manifests are to be onsite within 30 days of disposal and maintained for 3 years. Contact hauler and/or contact TSDF to obtain missing manifests.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	07-08-2014
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to make SPCC plan amendment(s) when the facility has had a change in: design, construction, operation, or maintenance which affects the facilityG s discharge potential.
Violation Notes:	Returned to compliance on 09/29/2014. SPCC Plans on CERS and on ManPower website are not accurate and incomplete. Update oil inventory and complete SPCC Plan. Maintain a complete and accurate SPCC Plan available. Also update site map.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	169437

VISTA FORD OF OXNARD (Continued) **1004675402**

Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	05-20-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to adequately and accurately describe in the SPCC Plan the physical layout of the facility.
Violation Notes:	Returned to compliance on 08/10/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS

Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	05-14-2018
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to adequately and accurately describe in the SPCC Plan the physical layout of the facility.
Violation Notes:	Returned to compliance on 07/12/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS

Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	05-20-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to include in the SPCC Plan: 1. A contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors with an agreement for response, and all Federal, State, and local agencies who must be contacted in case of a discharge 2. Information and procedures that would enable a person reporting an oil discharge to relate all information as described in 40 CFR 112.7(a)(4), unless facility submitted a Facility Response Plan.
Violation Notes:	Returned to compliance on 08/10/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS

Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	05-14-2018
Citation:	22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description:	Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned

VISTA FORD OF OXNARD (Continued) **1004675402**

	to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes:	Returned to compliance on 07/12/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	07-08-2014
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 09/29/2014. Used oil filter containers are not closed. Maintain used oil filter containers closed between uses.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	05-14-2018
Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 07/12/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	05-20-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to discuss in the SPCC Plan procedures to test or inspect each aboveground container for integrity in accordance with industry standards: 1. On a regular schedule. 2. After material repairs are made. 3. By qualified personnel. 4. The frequency and type of testing and inspections based on container size, configuration, and design.
Violation Notes:	Returned to compliance on 08/10/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	05-14-2018
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

VISTA FORD OF OXNARD (Continued) **1004675402**

Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 07/12/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	05-14-2018
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 07/12/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	07-08-2014
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 09/29/2014. Portable used oil drain containers and used oil containers from used filters are not labeled. Provide hazardous waste labels with required information to used oil containers.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC
Violation Date:	05-20-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with one or more of the following requirements: 1. Have record of inspections and tests, including integrity tests, signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and tests, including integrity tests, for at least three years. 3. Keep comparison records.
Violation Notes:	Returned to compliance on 08/10/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	169437
Site Name:	Vista Ford Lincoln of Oxnard LLC

VISTA FORD OF OXNARD (Continued) **1004675402**

Violation Date: 07-08-2014
Citation: 22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description: Failure to properly close hazardous waste containers when not in active use.
Violation Notes: Returned to compliance on 09/29/2014. Used antifreeze container in oil room not closed. Maintain hazardous waste containers closed between uses.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

VISTA FORD OF OXNARD (Continued) **1004675402**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-20-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-08-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-08-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Enforcement Action:
Site ID: 169437
Site Name: Vista Ford Lincoln of Oxnard LLC
Site Address: 1501 AUTO CENTER DR.
Site City: OXNARD
Site Zip: 93036
Enf Action Date: 07-23-2020
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Oxnard City CUPA
Enf Action Program: APSA
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Jonas V. Aras
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported

VISTA FORD OF OXNARD (Continued) **1004675402**

Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Jon Shuken
Entity Title:	Not reported
Affiliation Address:	1501 Auto Center Dr.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 983-6511
Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722
Affiliation Type Desc:	Property Owner
Entity Name:	Jon Shuken
Entity Title:	Not reported
Affiliation Address:	1501 Auto Center Dr.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 983-6511
Affiliation Type Desc:	Environmental Contact
Entity Name:	Cliff Ashlock
Entity Title:	Not reported
Affiliation Address:	1501 Auto Center Dr.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1501 Auto Center Dr.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Jonas Aras

VISTA FORD OF OXNARD (Continued) **1004675402**

Entity Title:	EH&S Consultant
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Anthony Fiori
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 983-6511
Affiliation Type Desc:	Parent Corporation
Entity Name:	Vista Ford Lincoln of Oxnard
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

D19 **VISTA FORD LINCOLN OF OXNARD** **AST** **A100425948**
SSW **1501 AUTO CENTER DR.** **N/A**
1/8-1/4 **OXNARD, CA 93036**
0.136 mi.
717 ft. **Site 4 of 5 in cluster D**

Relative: AST:
Lower

Actual:
91 ft.

Name:	VISTA FORD LINCOLN OF OXNARD
Address:	1501 AUTO CENTER DR.
City/Zip:	OXNARD,93036
Certified Unified Program Agencies:	Not reported
Owner:	Jon Shuken
Total Gallons:	Not reported
CERSID:	10201072
Facility ID:	Not reported
Business Name:	Vista Ford Lincoln of Oxnard
Phone:	8059836511
Fax:	Not reported
Mailing Address:	1501 Auto Center Dr.
Mailing Address City:	Oxnard
Mailing Address State:	CA
Mailing Address Zip Code:	93030
Operator Name:	Anthony Fiori
Operator Phone:	8059836511
Owner Phone:	8059836511
Owner Mail Address:	1501 Auto Center Dr.
Owner State:	CA
Owner Zip Code:	93036
Owner Country:	United States

VISTA FORD LINCOLN OF OXNARD (Continued) **A100425948**

Property Owner Name:	Jon Shuken
Property Owner Phone:	8059836511
Property Owner Mailing Address:	1501 Auto Center Dr.
Property Owner City:	Oxnard
Property Owner Stat :	CA
Property Owner Zip Code:	93036
Property Owner Country:	United States
EPAID:	CAR000072470

C20 **TEAM INFINITI** **CERS HAZ WASTE** **S113465634**
SE **1701 AUTO CENTER DR** **HAZNET** **N/A**
1/8-1/4 **OXNARD, CA 93036** **CERS**
0.159 mi. **HWTS**
838 ft. **Site 4 of 7 in cluster C**

Relative:
Lower

Actual:
87 ft.

CERS HAZ WASTE:

Name:	INFINITI OF OXNARD
Address:	1701 AUTO CENTER DR.
City,State,Zip:	OXNARD, CA 93036
Site ID:	74107
CERS ID:	10201267
CERS Description:	Hazardous Waste Generator

HAZNET:

Name:	TEAM INFINITI
Address:	1701 AUTO CENTER DR
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93036
Contact:	GREG FRAIN - SERVICE MANAGER
Telephone:	8054859998
Mailing Name:	Not reported
Mailing Address:	PO BOX 5486
Year:	2014
Gepaid:	CAL000275099
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	9.174
Year:	2012
Gepaid:	CAL000275099
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	5.421
Year:	2010
Gepaid:	CAL000275099
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	7.089

TEAM INFINITI (Continued) **S113465634**

Additional Info:

Year:	2014
Gen EPA ID:	CAL000275099
Shipment Date:	20141126
Creation Date:	2/13/2015 22:15:17
Receipt Date:	20141126
Manifest ID:	013754726JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	9.174
Waste Quantity:	2200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000275099
Shipment Date:	20100916
Creation Date:	12/16/2010 18:30:26
Receipt Date:	20100916
Manifest ID:	007096373JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	7.089
Waste Quantity:	1700
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

TEAM INFINITI (Continued) **S113465634**

Additional Code 5: Not reported

Additional Info:
Year: 2012
Gen EPA ID: CAL000275099

Shipment Date: 20120322
Creation Date: 5/25/2012 20:30:28
Receipt Date: 20120322
Manifest ID: 009567489JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 5.421
Waste Quantity: 1300
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: INFINITI OF OXNARD
Address: 1701 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93036
Site ID: 74107
CERS ID: 10201267
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 74107
Site Name: Infiniti of Oxnard
Violation Date: 09-17-2013
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 11/25/2013. Facility has not registered with CERS. Log onto CERS and provide required information.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 74107
Site Name: Infiniti of Oxnard
Violation Date: 06-25-2019
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51

TEAM INFINITI (Continued) **S113465634**

Violation Description:	Failure to prepare and implement a written Contingency Plan to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water.
Violation Notes:	Returned to compliance on 08/21/2019. Emergency response plan uploaded to CERS has former employee information and not plan available onsite. Establish an emergency response plan, upload to CERS, and maintain a copy available for employees.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	06-25-2019
Citation:	22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description:	Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes:	Returned to compliance on 12/04/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	06-25-2019
Citation:	22 CCR 15 66265.174 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.174
Violation Description:	Failure to inspect weekly, areas where hazardous waste containers are stored or transferred. The owner or operator shall look for leaking containers and for deterioration of containers and the containment system caused by corrosion or other factors.
Violation Notes:	Returned to compliance on 12/04/2019. 2018 inspection records available. 2019 inspections were documented February to April. Provide daily inspections and document. Train employees how to inspect secondary containment of aboveground tanks.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	06-25-2019
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 08/21/2019. Emergency response plan uploaded to CERS has former employee information and not plan available onsite. Establish an emergency response plan, upload to CERS, and maintain a copy available for employees.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS

TEAM INFINITI (Continued) **S113465634**

Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	12-29-2015
Citation:	HSC 6.95 25508.1(a)-(e) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(e)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name.
Violation Notes:	Returned to compliance on 03/01/2016. Hazardous Material Inventory is not accurate. Review, update such as adding floor cleaner, and provide annual submittal.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	06-25-2019
Citation:	22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description:	Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes:	Returned to compliance on 12/04/2019. A 15 gallon reddish brown container labeled "Gear Lubrication" on the southeast corner of the trash enclosure. Use generator knowledge or have sample analyzed by a certified hazardous waste lab. Notify Oxnard Fire/CUPA of determination. Provide copy of lab analysis if applicable.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS

Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	09-17-2013
Citation:	22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description:	Failure to prepare and implement a Contingency Plan to minimize human hazards or threat to the environment and to carry out the provisions of the plan whenever there is a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 11/25/2013. Contingency Plan is not available. Maintain a copy available for employees and upload onto CERS with site map.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS

Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	12-29-2015
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and

TEAM INFINITI (Continued) **S113465634**

	fuel filters.
Violation Notes:	Returned to compliance on 01/11/2017. Used oil filter container has an accumulation date of 2014 and since have had several pick ups since. Maintain accurate information on used oil filter container.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	06-25-2019
Citation:	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description:	Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes:	Returned to compliance on 08/21/2019. Emergency response plan uploaded to CERS has former employee information and not plan available onsite. Establish an emergency response plan, upload to CERS, and maintain a copy available for employees.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	12-29-2015
Citation:	22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description:	Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).
Violation Notes:	Returned to compliance on 01/11/2017. Overfill alarm on aboveground tanks have not been serviced for over 12 months. Contact a service technician to provide annual maintenance on overfill alarms.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	12-29-2015
Citation:	22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description:	Failure to maintain at the facility a copy of the contingency plan and

TEAM INFINITI (Continued) **S113465634**

	all its revisions and to submit a copy to the local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes:	Returned to compliance on 01/11/2017. Emergency Response Plan is not available. Maintain a copy available for employees.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	09-17-2013
Citation:	HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description:	Failure to include adequate emergency response procedures in the business plan for a release or threatened release.
Violation Notes:	Returned to compliance on 11/25/2013. Emergency Response Plan is not available. Maintain a copy of the Emergency Response Plan available for employees and upload to CERS with site map.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	12-29-2015
Citation:	22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description:	Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).
Violation Notes:	Returned to compliance on 01/11/2017. Aboveground tank inspection are not documented for months. Document inspections of aboveground tanks (oil, used oil, used coolant).
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	74107
Site Name:	Infiniti of Oxnard
Violation Date:	06-25-2019
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any

TEAM INFINITI (Continued) **S113465634**

one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

Violation Notes: Returned to compliance on 08/21/2019. Add 55 gallons of Used Brake Fluid and drum of Used Oil Filters (paper) to the Hazardous Materials Inventory on CERS and submit.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 74107
Site Name: Infiniti of Oxnard
Violation Date: 12-29-2015
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 01/11/2017. Emergency Response Plan is not available. Maintain a copy available for employees.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 74107
Site Name: Infiniti of Oxnard
Violation Date: 06-25-2019
Citation: 22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description: Failure to maintain a copy of the contingency plan and all its revisions at the facility and to submit a copy to all local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes: Returned to compliance on 08/21/2019. Emergency response plan uploaded to CERS has former employee information and not plan available onsite. Establish an emergency response plan, upload to CERS, and maintain a copy available for employees.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 74107
Site Name: Infiniti of Oxnard
Violation Date: 12-29-2015
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to the air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 01/11/2017. Used oil has spilled on the floor by oil filter crusher. Maintain floors clean and dry.

TEAM INFINITI (Continued) **S113465634**

Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 74107
Site Name: Infiniti of Oxnard
Violation Date: 06-25-2019
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 12/04/2019. Most recent documented employee training is dated 2016. Provide annual training and document.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

TEAM INFINITI (Continued) **S113465634**

Eval Date:	12-29-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Change of ownership occurred December 4, 2015.
Eval Division:	Oxnard City CUPA
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-29-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Change of ownership occurred December 4, 2015.
Eval Division:	Oxnard City CUPA
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	74107
Site Name:	Infiniti of Oxnard
Site Address:	1701 AUTO CENTER DR.
Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	10-01-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	NOV due 10/31/2019.
Enf Action Division:	Oxnard City CUPA
Enf Action Program:	HMRRP
Enf Action Source:	CERS
Site ID:	74107
Site Name:	Infiniti of Oxnard
Site Address:	1701 AUTO CENTER DR.
Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	10-01-2019
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	NOV due 10/31/2019.
Enf Action Division:	Oxnard City CUPA
Enf Action Program:	HW
Enf Action Source:	CERS

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Tina Carpenter
Entity Title:	Service Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator

TEAM INFINITI (Continued) **S113465634**

Entity Name:	Infiniti Of Oxnard
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 485-9998
Affiliation Type Desc:	Environmental Contact
Entity Name:	Tina Carpenter
Entity Title:	Not reported
Affiliation Address:	1701 Auto Center Dr.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P O BOX 5246
Affiliation City:	OXNARD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93031
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	PROMENADE IMPORTS LLC
Entity Title:	Not reported
Affiliation Address:	P O BOX 5246
Affiliation City:	OXNARD
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93031
Affiliation Phone:	(805) 485-9998
Affiliation Type Desc:	Parent Corporation
Entity Name:	Infiniti Of Oxnard
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Peninsula Property Holdings LLC
Entity Title:	Not reported
Affiliation Address:	P O BOX 430
Affiliation City:	San Gabriel
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	91778

TEAM INFINITI (Continued) **S113465634**

Affiliation Phone: (805) 485-9998

Affiliation Type Desc: CUPA District
Entity Name: Oxnard Fire Department
Entity Title: Not reported
Affiliation Address: 360 West Second Street
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93030
Affiliation Phone: (805) 385-7722

Affiliation Type Desc: Document Preparer
Entity Name: Michael Brockelhurst, Risk Management Consultant
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: TEAM INFINITI
Address: 1701 AUTO CENTER DR
Address 2: Not reported
City,State,Zip: OXNARD, CA 93036
EPA ID: CAL000275099
Inactive Date: 12/18/2015
Create Date: 09/29/2003
Last Act Date: 12/24/2015
Mailing Name: Not reported
Mailing Address: PO BOX 5486
Mailing Address 2: Not reported
Mailing City,State,Zip: OXNARD, CA 930310000
Owner Name: TEAM INFINITI LLC
Owner Address: 1701 AUTO CENTER DR
Owner Address 2: Not reported
Owner City,State,Zip: OXNARD, CA 930360000
Contact Name: GREG FRAIN - SERVICE MANAGER
Contact Address: PO BOX 5486
Contact Address 2: Not reported
City,State,Zip: OXNARD, CA 93031

NAICS:
EPA ID: CAL000275099
Create Date: 2003-09-29 15:42:14.907
NAICS Code: 44111
NAICS Description: New Car Dealers
Issued EPA ID Date: 2003-09-29 15:42:14.87300
Inactive Date: 2015-12-18 00:00:00
Facility Name: TEAM INFINITI
Facility Address: 1701 AUTO CENTER DR
Facility Address 2: Not reported
Facility City: OXNARD
Facility County: Not reported

TEAM INFINITI (Continued) **S113465634**

Facility State: CA
Facility Zip: 93036

C21
SE
1/8-1/4
0.159 mi.
838 ft.

PROMENADE IMPORTS LLC DBA INFINITI OF OXNARD **RCRA NonGen / NLR** **1024853614**
1701 AUTO CENTER DR **CAL000413609**
OXNARD, CA 93036

Site 5 of 7 in cluster C

Relative:
Lower

Actual:
87 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2016-01-07 00:00:00.0
Handler Name:	PROMENADE IMPORTS LLC DBA INFINITI OF OXNARD
Handler Address:	1701 AUTO CENTER DR
Handler City,State,Zip:	OXNARD, CA 93036
EPA ID:	CAL000413609
Contact Name:	GREG FRAIN
Contact Address:	1701 AUTO CENTER DR
Contact City,State,Zip:	OXNARD, CA 93036
Contact Telephone:	805-485-9998
Contact Fax:	805-983-7677
Contact Email:	GREGF@INFINITIOFOXNARD.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 5246
Mailing City,State,Zip:	OXNARD, CA 93031
Owner Name:	PROMENADE IMPORTS LLC
Owner Type:	Other
Operator Name:	GREG FRAIN
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

PROMENADE IMPORTS LLC DBA INFINITI OF OXNARD (Continued) **1024853614**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:07:20.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GREG FRAIN
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1701 AUTO CENTER DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-485-9998
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PROMENADE IMPORTS LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1701 AUTO CENTER DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036

PROMENADE IMPORTS LLC DBA INFINITI OF OXNARD (Continued) **1024853614**

Owner/Operator Telephone: 805-485-9998
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2016-01-07 00:00:00.0
Handler Name: PROMENADE IMPORTS LLC DBA INFINITI OF OXNARD
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C22 **LEXUS OF OXNARD** **RCRA NonGen / NLR** **1024811815**
SSE **1640 AUTO CENTER DR** **CAL000296743**
1/8-1/4 **OXNARD, CA 93036**
0.161 mi.
850 ft. **Site 6 of 7 in cluster C**

Relative: **Lower**
Actual: **87 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2005-07-21 00:00:00.0
Handler Name: LEXUS OF OXNARD
Handler Address: 1640 AUTO CENTER DR
Handler City,State,Zip: OXNARD, CA 93036-7998
EPA ID: CAL000296743
Contact Name: SAMMY AYALA SERVICE MGR
Contact Address: 1640 AUTO CENTER
Contact City,State,Zip: OXNARD, CA 93036
Contact Telephone: 805-988-8500
Contact Fax: 805-988-3094
Contact Email: PARTS@DCHLEXUSOFOXNARD.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities

LEXUS OF OXNARD (Continued) **1024811815**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1640 AUTO CENTER DR
Mailing City,State,Zip:	OXNARD, CA 93036-7998
Owner Name:	LEXUS OF OXNARD INC
Owner Type:	Other
Operator Name:	SAMMY AYALA SERVICE MGR
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:27:30.0
Recognized Trader-Importer:	No

LEXUS OF OXNARD (Continued) **1024811815**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SAMMY AYALA SERVICE MGR
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1640 AUTO CENTER
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-988-8500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	LEXUS OF OXNARD INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1640 AUTO CENTER DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036-7998
Owner/Operator Telephone:	805-988-8500
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2005-07-21 00:00:00.0
Handler Name: LEXUS OF OXNARD	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

LEXUS OF OXNARD (Continued) **1024811815**

Evaluation Action Summary:
Evaluations: No Evaluations Found

C23 **LEXUS OXNARD** **CERS HAZ WASTE** **S117703816**
SSE **1640 AUTO CENTER DR** **NPDES** **N/A**
1/8-1/4 **OXNARD, CA 93036** **CIWQS**
0.161 mi. **CERS**
850 ft. **Site 7 of 7 in cluster C**

Relative:
Lower

Actual:
87 ft.

CERS HAZ WASTE:
Name: DCH LEXUS OF OXNARD
Address: 1640 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93036
Site ID: 24180
CERS ID: 10201456
CERS Description: Hazardous Waste Generator

NPDES:
Name: LEXUS OXNARD
Address: 1640 AUTO CENTER DR
City,State,Zip: OXNARD, CA 93036
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 4 56C322980
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Terminated
Status Date: 06/01/2005
Operator Name: DCH Investments Inc
Operator Address: 1815 W Redondo Beach Blvd
Operator City: Gardena
Operator State: California
Operator Zip: 90247

NPDES as of 03/2018:
NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 4
Regulatory Measure ID: 192288
Order Number: Not reported
Regulatory Measure Type: Construction

LEXUS OXNARD (Continued) **S117703816**

Place ID:	Not reported
WDID:	4 56C322980
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	08/11/2003
Status:	Terminated
Status Date:	06/01/2005
Place Size:	4
Place Size Unit:	Acres
Contact:	CHARLIE Faraci
Contact Title:	General Manager
Contact Phone:	8052075050
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	DCH Investments Inc
Operator Address:	1815 W Redondo Beach Blvd
Operator City:	Gardena
Operator State:	California
Operator Zip:	90247
Operator Contact:	GEORGE Liang
Operator Contact Title:	Not reported
Operator Contact Phone:	310-515-5700
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Other
Developer:	Viola Inc
Developer Address:	PO Box 5624
Developer City:	Oxnard
Developer State:	California
Developer Zip:	93031
Developer Contact:	Charlie Faraci
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	805-207-5050
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Y
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported

LEXUS OXNARD (Continued) **S117703816**

Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Pacific Ocean
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Name:	LEXUS OXNARD
Address:	1640 AUTO CENTER DR
City,State,Zip:	OXNARD, CA 93036
Agency:	DCH Investments Inc
Agency Address:	1815 W Redondo Beach Blvd, Gardena, CA 90247
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not reported
Region:	4
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	4 56C322980
NPDES Number:	CAS000002
Adoption Date:	01/01/1900
Effective Date:	08/11/2003
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	34.228424
Longitude:	-119.154361

CERS:

Name:	DCH LEXUS OF OXNARD
Address:	1640 AUTO CENTER DR.
City,State,Zip:	OXNARD, CA 93036
Site ID:	24180
CERS ID:	10201456
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	09-24-2020
Citation:	22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description:	Failure to maintain a copy of the contingency plan and all its revisions at the facility and to submit a copy to all local police

LEXUS OXNARD (Continued) **S117703816**

departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes: Not reported
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 04-28-2016
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description: Business Plan Program - Administration/Documentation - General
Violation Notes: Returned to compliance on 06/10/2016. FAILURE TO MAINTAIN A CURRENT EMERGENCY RESPONSE PLAN
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 04-28-2016
Citation: 22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description: Failure to obtain and/or maintain an Active EPA ID.
Violation Notes: Returned to compliance on 06/10/2016. FAILURE TO OBTAIN AN EPA IDENTIFICATION NUMBER. FAILURE TO PROVIDE COMPLETE DISPOSAL RECORDS.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 04-28-2016
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description: Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes: Returned to compliance on 06/10/2016. FAILURE TO PROVIDE ANNUAL EMPLOYEE TRANING
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 04-28-2016
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51
Violation Description: Failure to prepare and implement a Contingency Plan to minimize human hazards or threat to the environment and to carry out the provisions of the plan whenever there is a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.

LEXUS OXNARD (Continued) **S117703816**

Violation Notes:	Returned to compliance on 06/10/2016. FAILURE TO PROVIDE MONITORING OF ABOVE GROUND TANK, SECONDARY CONTAINMENT
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	01-24-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 01/24/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	04-28-2016
Citation:	22 CCR 12 66262.23(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)
Violation Description:	Failure to properly complete the Hazardous Waste manifest.
Violation Notes:	Returned to compliance on 06/10/2016. FAILURE TO MAINTAIN HAZARDOUS WASTE MANIFESTS AVAILABLE FOR 3 YEARS.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	09-24-2020
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Not reported
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	04-28-2016
Citation:	22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Description:	Failure to properly handle, manage, label, and recycle used oil and fuel filters.
Violation Notes:	Returned to compliance on 06/10/2016. FAILURE TO MAINTAIN A CURRENT EMERGENCY RESPONSE PLAN.
Violation Division:	Oxnard City CUPA

LEXUS OXNARD (Continued) **S117703816**

Violation Program:	HW
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	04-28-2016
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes:	Returned to compliance on 06/10/2016. OXNARD FIRE/CUPA PERMITS ARE NOT TRANSFERABLE BETWEEN OWNERS.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	04-28-2016
Citation:	22 CCR 15 66265.193 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.193
Violation Description:	Failure of the LQG and/or TP generator, on all new and existing hazardous waste tank systems and ancillary equipment, to meet the following secondary containment requirements: 1) Designed, installed, and operated to prevent any migration of wastes or accumulated liquid out of the system to the soil, ground water, or surface water at any time during the use of the tank system; and 2) Capable of detecting and collecting releases and accumulated liquids until the collected material is removed. 3) Constructed of or lined with materials that are compatible with the waste(s) to be placed in the tank system and shall have sufficient strength and thickness to prevent failure due to pressure gradients (including static head and external hydrological forces), physical contact with the waste to which they are exposed, climatic conditions, the stress of installation, and the stress of daily operation (including stresses from nearby vehicular traffic); 4) Placed on a foundation or base capable of providing support to the secondary containment system and resistance to pressure gradients above and below the system and capable of preventing failure due to settlement, compression, or uplift; 5) Provided with a leak detection system that is designed and operated so that it will detect the failure of either the primary and secondary containment structure or any release of hazardous waste or accumulated liquid in the secondary containment system within 24 hours, or at the earliest practicable time if the existing detection technology or site conditions will not allow detection of a release within 24 hours; 6) Sloped or otherwise designed or operated to drain and remove liquids resulting from leaks, spills, or precipitation. Spilled or leaked waste and accumulated precipitation shall be removed from the secondary containment system within 24 hours, or in as timely a manner as is possible to prevent harm to human health or the environment, if removal of the released waste or accumulated precipitation cannot be accomplished within 24
Violation Notes:	Returned to compliance on 06/10/2016. SECONDARY CONTAINMENT NOT INSPECTED DAILY.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS

LEXUS OXNARD (Continued) **S117703816**

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 04-28-2016
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/10/2016. FAILURE TO MAINTAIN A CURRENT EMERGENCY RESPONSE PLAN
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 04-28-2016
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using, inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 06/10/2016. FAILURE TO HAVE EMPLOYEE TRAINING RECORDS
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 04-28-2016
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees within the first six months after the date of their employment, or assignment to the facility, or to work unsupervised, or to a new position at a facility with hazardous waste training to ensure employees are competent in the following areas: hazardous waste management procedures (including contingency plan implementation) relevant to the positions in which they are employed, emergency response and emergency equipment, and procedures for using,

LEXUS OXNARD (Continued) **S117703816**

inspecting, repairing, and replacing facility emergency and monitoring equipment. In addition, the owner/operator shall ensure facility personnel take part in an annual review of the initial training and training records training records on current personnel shall be kept until closure of the facility. Training records on former employees shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.

Violation Notes: Returned to compliance on 06/10/2016. FAILURE TO MAINTAIN AN EMERGENCY RESPONSE PLAN AND HAVE IT AVAILABLE FOR EMPLOYEES AND PROVIDE A COPY TO CERS.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 01-24-2019
Citation: 22 CCR 15 66265.31 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 02/22/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 04-28-2016
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Description: Haz Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General
Violation Notes: Returned to compliance on 06/10/2016. FACILITY HAD A CHANGE OF OWNERSHIP. CHANGE OF OWNERSHIP IS TO BE UPDATED ON CERS WITHIN 30 DAYS OF CHANGE. PAY FULL INVOICE BY DUE DATE.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 04-28-2016
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

LEXUS OXNARD (Continued) **S117703816**

Violation Notes:	Returned to compliance on 06/10/2016. FAILURE TO MAINTAIN A CURRENT EMERGENCY RESPONSE PLAN
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	04-28-2016
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes:	Returned to compliance on 06/10/2016. CHANGE OF OWNERSHIP TO BE UPDATED ON CERS. FAILURE TO MAINTAIN A CURRENT EMERGENCY RESPONSE PLAN.CERS ID# 10201456
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	01-24-2019
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Returned to compliance on 01/24/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	01-24-2019
Citation:	22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description:	Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes:	Returned to compliance on 02/22/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	04-28-2016
Citation:	HSC 6.5 25160.2 - California Health and Safety Code, Chapter 6.5, Section(s) 25160.2
Violation Description:	Failure to meet any of the following consolidated manifest requirements: 1) Legible receipts for each quantity of hazardous waste that is received from a generator, 2) The generator's information (name, address, identification number, contact person, telephone number of the generator, the signature of the generator or the generator's representative), 3) Date of the shipment, 4) The manifest

LEXUS OXNARD (Continued) **S117703816**

number, 5) The volume or quantity of each waste stream received, 6) The name, address, and identification number of the authorized facility to which the hazardous waste will be transported, 7) The transporter's information (name, address, and identification number, the driver's signature), 8) A statement, signed by the generator, certifying that the generator has established a program to reduce the volume or quantity and toxicity of the hazardous waste to the degree economically practicable. 9) The generator shall retain each receipt for at least three years.

Violation Notes: Returned to compliance on 06/10/2016. FAILURE TO PROVIDE COMPLETE DIPSOSAL RECORDS FOR HAZARDOUS WASTE
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 09-24-2020
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Description: Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.
Violation Notes: Not reported
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 01-24-2019
Citation: 22 CCR 15 66265.16 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.16
Violation Description: Failure to provide employees with hazardous waste training program of class room instructions or on-the-job training within the first six months after the date of their employment or assignment to a facility, or to a new position at a facility and annually thereafter. Training records on current personnel shall be kept until closure of the facility and for former employees the record shall be kept for at least three years from the date the employee last worked at the facility. The records shall include the following: the job title for each position at the facility related to hazardous waste management, and the name of the employee filling each job; a written job description for each position, duties of facility personnel assigned to each position, and a written description of the type and amount of both introductory and continuing training that will be given to each person filling a position.
Violation Notes: Returned to compliance on 02/22/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 24180
Site Name: DCH Lexus Of Oxnard
Violation Date: 04-28-2016
Citation: 22 CCR 15 66265.51 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.51

LEXUS OXNARD (Continued) **S117703816**

Violation Description:	Failure to prepare and implement a Contingency Plan to minimize human hazards or threat to the environment and to carry out the provisions of the plan whenever there is a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 06/10/2016. FAILURE TO MAINTAIN A CURRENT EMERGENCY RESPONSE PLAN.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	04-28-2016
Citation:	22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description:	Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).
Violation Notes:	Returned to compliance on 06/10/2016. SECONDARY CONTAINMENT IS NOT BEING INSPECTED
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	24180
Site Name:	DCH Lexus Of Oxnard
Violation Date:	01-24-2019
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 01/24/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-24-2019

LEXUS OXNARD (Continued) **S117703816**

Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-28-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-28-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-24-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-24-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Oxnard Fire Department
Entity Title: Not reported
Affiliation Address: 360 West Second Street

LEXUS OXNARD (Continued) **S117703816**

Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722
Affiliation Type Desc:	Identification Signer
Entity Name:	Sammy Ayala
Entity Title:	SERVICE MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Document Preparer
Entity Name:	Michael Brockelhurst, EHS Consultant
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Sammy Ayala
Entity Title:	Not reported
Affiliation Address:	1640 AUTO CENTER DRIVE
Affiliation City:	OXNARD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Lexus Of Oxnard
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1640 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner

LEXUS OXNARD (Continued) **S117703816**

Entity Name:	Lithia Auto.
Entity Title:	Not reported
Affiliation Address:	1640 Auto Center Dr.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 988-8500
Affiliation Type Desc:	Operator
Entity Name:	George Yazbek
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 988-8500
Affiliation Type Desc:	Property Owner
Entity Name:	Lithia Auto
Entity Title:	Not reported
Affiliation Address:	1640 Auto Center Dr.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 988-8500

D24 **NORTHFIELD BUSINESS PARK** **CPS-SLIC** **S100218566**
SW **ROSE AVE** **CHMIRS** **N/A**
1/8-1/4 **OXNARD, CA 93030** **CERS**
0.163 mi.
863 ft. **Site 5 of 5 in cluster D**

Relative:
Lower

Actual:
91 ft.

CPS-SLIC:

Name:	NORTHFIELD BUSINESS PARK
Address:	ROSE AVE
City,State,Zip:	OXNARD, CA 93030
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/16/1965
Global Id:	SLT4304745
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.1992183974879
Longitude:	-119.149355849151
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0082
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

NORTHFIELD BUSINESS PARK (Continued) **S100218566**

Click here to access the California GeoTracker records for this facility:

CHMIRS:

Name:	Not reported
Address:	ROSE AVE 1/4 MILE NORTH OF CENTRAL
City,State,Zip:	OXNARD, CA 93030
OES Incident Number:	910441
OES notification:	Not reported
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**05-JUN-89**
Property Use:	962
Agency Id Number:	56712
Agency Incident Number:	89036
Time Notified:	2000
Time Completed:	2230
Surrounding Area:	650
Estimated Temperature:	60
Property Management:	K
More Than Two Substances Involved?:	N
Resp Agncy Personel # Of Decontaminated:	0
Responding Agency Personel # Of Injuries:	0
Responding Agency Personel # Of Fatalities:	0
Others Number Of Decontaminated:	0
Others Number Of Injuries:	0
Others Number Of Fatalities:	0
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	GREGORY SMITH
Report Date:	05-JUN-89
Facility Telephone:	805 654-2813
Waterway Involved:	Not reported
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	02-JUN-89
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	11-MAY-90
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported

NORTHFIELD BUSINESS PARK (Continued) **S100218566**

Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Not reported

CERS:

Name:	NORTHFIELD BUSINESS PARK
Address:	ROSE AVE
City,State,Zip:	OXNARD, CA 93030
Site ID:	213526
CERS ID:	SLT4304745
CERS Description:	Cleanup Program Site

E25 **VREELAND CADILLAC** **AST** **1000857708**
SSW **1501 VENTURA BOULEVARD** **SWEEPS UST** **N/A**
1/8-1/4 **OXNARD, CA 93036** **CA FID UST**
0.196 mi. **FINDS**
1037 ft. **Site 1 of 15 in cluster E** **HAZNET**
HWTS

Relative:
Lower

Actual:
90 ft.

AST:

Name:	ALEXANDER GMC BUICK
Address:	1501 VENTURA BLVD., EAST
City/Zip:	OXNARD,93036
Certified Unified Program Agencies:	Not reported
Owner:	Robert Alexander
Total Gallons:	Not reported
CERSID:	10202191
Facility ID:	Not reported
Business Name:	Alexander GMC Buick
Phone:	805-988-2200
Fax:	Not reported
Mailing Address:	1501 E. Ventura Blvd.
Mailing Address City:	Oxnard
Mailing Address State:	CA
Mailing Address Zip Code:	93036
Operator Name:	Robert Alexander
Operator Phone:	805-988-2200
Owner Phone:	805-988-2200
Owner Mail Address:	1501 E. Ventura Blvd.
Owner State:	CA
Owner Zip Code:	93036
Owner Country:	United States
Property Owner Name:	Leo Bunnin
Property Owner Phone:	805-988-2200
Property Owner Mailing Address:	1501 Ventura Blvd, East

VREELAND CADILLAC (Continued) **1000857708**

Property Owner City: Oxnard
Property Owner Stat : CA
Property Owner Zip Code: 93036
Property Owner Country: United States
EPAID: CAL000374724

SWEEPS UST:
Name: VREELAND CADILLAC
Address: 1501 E VENTURA BLVD
City: OXNARD
Status: Active
Comp Number: 2437
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-002437-000001
Tank Status: A
Capacity: 550
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 2

Name: VREELAND CADILLAC
Address: 1501 E VENTURA BLVD
City: OXNARD
Status: Active
Comp Number: 2437
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-002437-000002
Tank Status: A
Capacity: 3000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 56003543
Regulated By: UTNKA
Regulated ID: CAD005784
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 1501 E VENTURA BLVD

VREELAND CADILLAC (Continued) **1000857708**

Mailing Address 2: Not reported
Mailing City,St,Zip: OXNARD 93030
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:
Registry ID: 110002901619

Click Here:

Environmental Interest/Information System:
HAZARDOUS AIR POLLUTANT MAJOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

HAZNET:

Name:	R&A ALEXANDER INVESTMENTS LLC ALEXANDER BUICK GMC
Address:	1501 E VENTURA BLVD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930360000
Contact:	KATIE KEMP
Telephone:	8059882200
Mailing Name:	Not reported
Mailing Address:	1600 AUTO CENTER DR
Year:	2019
Gepaid:	CAL000374724
TSD EPA ID:	CAD044429835
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.05000
Year:	2019
Gepaid:	CAL000374724
TSD EPA ID:	NED981723513
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.10000
Year:	2019
Gepaid:	CAL000374724
TSD EPA ID:	CAL000330453
CA Waste Code:	352 - Other organic solids
Disposal Method:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	1.80000
Year:	2018
Gepaid:	CAL000374724
TSD EPA ID:	NED981723513
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel

VREELAND CADILLAC (Continued) **1000857708**

Tons: 0.12500

Year: 2018
Gepaid: CAL000374724
TSD EPA ID: CAD980675276
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.12500

Year: 2018
Gepaid: CAL000374724
TSD EPA ID: CAD044429835
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.25000

Year: 2018
Gepaid: CAL000374724
TSD EPA ID: CAD980675276
CA Waste Code: 291 - Latex waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.32500

Year: 2017
Gepaid: CAL000374724
TSD EPA ID: CAD044429835
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2625

Year: 2017
Gepaid: CAL000374724
TSD EPA ID: NED981723513
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.125

Year: 2016
Gepaid: CAL000374724
TSD EPA ID: NED981723513
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.1

Click this hyperlink while viewing on your computer to access
6 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 2012
Gen EPA ID: CAL000374724

Shipment Date: 20120910

VREELAND CADILLAC (Continued) **1000857708**

Creation Date:	8/22/2013 22:15:16
Receipt Date:	20120910
Manifest ID:	009830225JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120910
Creation Date:	8/22/2013 22:15:16
Receipt Date:	20120910
Manifest ID:	009830546JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20120910
Creation Date:	8/22/2013 22:15:16
Receipt Date:	20120910
Manifest ID:	009830225JJK
Trans EPA ID:	CAR000194837
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405

VREELAND CADILLAC (Continued) **1000857708**

Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	F005
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	F003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAL000374724
Shipment Date:	20150514
Creation Date:	8/20/2015 22:15:20
Receipt Date:	20150603
Manifest ID:	008036305FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150514
Creation Date:	8/20/2015 22:15:20
Receipt Date:	20150603
Manifest ID:	008036305FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids

VREELAND CADILLAC (Continued) **1000857708**

RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150424
Creation Date:	7/8/2015 22:15:46
Receipt Date:	20150511
Manifest ID:	008036070FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150310
Creation Date:	8/28/2015 22:15:07
Receipt Date:	20150328
Manifest ID:	008033472FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMMEE EXPRESS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D006

VREELAND CADILLAC (Continued) **1000857708**

Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20150310
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150320
Manifest ID:	008033473FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000374724
Shipment Date:	20150514
Creation Date:	8/20/2015 22:15:20
Receipt Date:	20150603
Manifest ID:	008036305FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.03
Waste Quantity:	60
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VREELAND CADILLAC (Continued) **1000857708**

Shipment Date:	20150514
Creation Date:	8/20/2015 22:15:20
Receipt Date:	20150603
Manifest ID:	008036305FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIROMENTAL
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150424
Creation Date:	7/8/2015 22:15:46
Receipt Date:	20150511
Manifest ID:	008036070FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150310
Creation Date:	6/25/2015 22:15:36
Receipt Date:	20150320
Manifest ID:	008033473FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

VREELAND CADILLAC (Continued) **1000857708**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150310
Creation Date:	8/28/2015 22:15:07
Receipt Date:	20150328
Manifest ID:	008033472FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	NJD986607380
Trans 2 Name:	MAUMMEE EXPRESS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D006
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000374724

Shipment Date:	20170925
Creation Date:	6/13/2018 18:30:55
Receipt Date:	20171005
Manifest ID:	006245515SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported

VREELAND CADILLAC (Continued) **1000857708**

TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170804
Creation Date:	5/30/2018 18:33:30
Receipt Date:	20170828
Manifest ID:	006132865SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS ENVIRONMENTAL SVC INC
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
Waste Quantity:	75
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170410
Creation Date:	5/4/2018 18:30:58
Receipt Date:	20170417
Manifest ID:	005933971SKS
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	CAD044429835
Trans Name:	CLEAN HARBORS OF WILMINGTON LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.15
Waste Quantity:	300

VREELAND CADILLAC (Continued) **1000857708**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170301
Creation Date:	5/11/2018 18:32:50
Receipt Date:	20170317
Manifest ID:	010271849FLE
Trans EPA ID:	TXR000081205
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	MAD039322250
Trans 2 Name:	CLEAN HARBORS
TSDF EPA ID:	NED981723513
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES IN
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	F005
Meth Code:	H040 - Incineration--Thermal Destruction Other Than Use As A Fuel
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D006
Additional Code 3:	D005
Additional Code 4:	D001
Additional Code 5:	Not reported

HWTS:

Name:	R&A ALEXANDER INVESTMENTS LLC ALEXANDER BUICK GMC
Address:	1501 E VENTURA BLVD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93036
EPA ID:	CAL000374724
Inactive Date:	Not reported
Create Date:	05/21/2012
Last Act Date:	07/14/2020
Mailing Name:	Not reported
Mailing Address:	1600 AUTO CENTER DR
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930360000
Owner Name:	R&A ALEXANDER INVESTMENTS LLC
Owner Address:	1600 AUTO CENTER DR
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930360000
Contact Name:	KATIE KEMP
Contact Address:	1600 AUTO CENTER DR
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93036

NAICS:

EPA ID:	CAL000374724
Create Date:	2013-04-02 07:48:29.000
NAICS Code:	44111

VREELAND CADILLAC (Continued) **1000857708**

NAICS Description: New Car Dealers
Issued EPA ID Date: 2012-05-21 13:13:16.26000
Inactive Date: Not reported
Facility Name: R&A ALEXANDER INVESTMENTS LLC ALEXANDER BUICK GMC
Facility Address: 1501 E VENTURA BLVD
Facility Address 2: Not reported
Facility City: OXNARD
Facility County: Not reported
Facility State: CA
Facility Zip: 93036

EPA ID: CAL000374724
Create Date: 2012-05-21 13:13:16.290
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 2012-05-21 13:13:16.26000
Inactive Date: Not reported
Facility Name: R&A ALEXANDER INVESTMENTS LLC ALEXANDER BUICK GMC
Facility Address: 1501 E VENTURA BLVD
Facility Address 2: Not reported
Facility City: OXNARD
Facility County: Not reported
Facility State: CA
Facility Zip: 93036

E26 **VREELAND CADILLAC** **CERS HAZ WASTE** **S113019541**
SSW **1501 VENTURA BLVD** **CERS TANKS** **N/A**
1/8-1/4 **OXNARD, CA 93030** **HAZNET**
0.196 mi. **CERS**
1037 ft. **Site 2 of 15 in cluster E** **HWTS**

Relative: **Lower**
Actual: **90 ft.**

CERS HAZ WASTE:
Name: ALEXANDER GMC BUICK
Address: 1501 VENTURA BLVD., EAST
City,State,Zip: OXNARD, CA 93036
Site ID: 90774
CERS ID: 10202191
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: ALEXANDER GMC BUICK
Address: 1501 VENTURA BLVD., EAST
City,State,Zip: OXNARD, CA 93036
Site ID: 90774
CERS ID: 10202191
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: VREELAND CADILLAC
Address: 1501 VENTURA BLVD
Address 2: Not reported
City,State,Zip: OXNARD, CA 930300000
Contact: STEPHEN G CAVANAGH/VP
Telephone: 8056565400
Mailing Name: Not reported
Mailing Address: 1501 E VENTURA BLVD

VREELAND CADILLAC (Continued) **S113019541**

Year: 2004
Gepaid: CAD983671538
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 0.2844

Year: 2003
Gepaid: CAD983671538
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 1.2672

Year: 2003
Gepaid: CAD983671538
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.126

Year: 2003
Gepaid: CAD983671538
TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.53376

Year: 2002
Gepaid: CAD983671538
TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.90072

Year: 2002
Gepaid: CAD983671538
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.4158

Year: 2002
Gepaid: CAD983671538
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 1.7388

Year: 2001
Gepaid: CAD983671538
TSD EPA ID: CAD008252405
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: R01 - Recycler
Tons: 2.2464

VREELAND CADILLAC (Continued) **S113019541**

Year: 2001
Gepaid: CAD983671538
TSD EPA ID: CAT000613976
CA Waste Code: 741 - Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01 - Transfer Station
Tons: 0.6255

Year: 2001
Gepaid: CAD983671538
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01 - Transfer Station
Tons: 0.3864

Click this hyperlink while viewing on your computer to access
24 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 1993
Gen EPA ID: CAD983671538

Shipment Date: 19931014
Creation Date: 9/13/1995 0:00:00
Receipt Date: 19931014
Manifest ID: 93044488
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: R01 - Recycler
Quantity Tons: 1.365
Waste Quantity: 325
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1999
Gen EPA ID: CAD983671538

Shipment Date: 19991207
Creation Date: 2/15/2000 0:00:00
Receipt Date: 19991215
Manifest ID: 99378689
Trans EPA ID: CAR000036129

VREELAND CADILLAC (Continued) **S113019541**

Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.231
Waste Quantity:	70
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991202
Creation Date:	2/28/2000 0:00:00
Receipt Date:	19991203
Manifest ID:	99366245
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991116
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991119
Manifest ID:	99520858
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039

VREELAND CADILLAC (Continued) **S113019541**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991026
Creation Date:	1/4/2000 0:00:00
Receipt Date:	19991103
Manifest ID:	99378443
Trans EPA ID:	CAR000036129
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2145
Waste Quantity:	65
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19991022
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991024
Manifest ID:	99362807
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Shipment Date:	19990901
Creation Date:	10/28/1999 0:00:00
Receipt Date:	19990907
Manifest ID:	99047256
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990901
Creation Date:	10/27/1999 0:00:00
Receipt Date:	19990902
Manifest ID:	99108587
Trans EPA ID:	CAR000036129
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1749
Waste Quantity:	53
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990826
Creation Date:	10/27/1999 0:00:00
Receipt Date:	19990827
Manifest ID:	97222828
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

VREELAND CADILLAC (Continued) **S113019541**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990712
Creation Date:	8/24/1999 0:00:00
Receipt Date:	19990715
Manifest ID:	99105482
Trans EPA ID:	CAR000036129
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1815
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19990608
Creation Date:	8/16/1999 0:00:00
Receipt Date:	19990609
Manifest ID:	99241583
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G

VREELAND CADILLAC (Continued) **S113019541**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2000
Gen EPA ID:	CAD983671538
Shipment Date:	20001226
Creation Date:	3/6/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	20383039
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0714
Waste Quantity:	17
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20001226
Creation Date:	3/22/2001 0:00:00
Receipt Date:	20001229
Manifest ID:	20383040
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Shipment Date:	20001122
Creation Date:	1/24/2001 0:00:00
Receipt Date:	20001122
Manifest ID:	20435294
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001030
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001103
Manifest ID:	20034969
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20001025
Creation Date:	1/9/2001 0:00:00
Receipt Date:	20001101
Manifest ID:	20498082
Trans EPA ID:	CAR000036129
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903

VREELAND CADILLAC (Continued) **S113019541**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1749
Waste Quantity:	53
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000925
Creation Date:	12/8/2000 0:00:00
Receipt Date:	20000927
Manifest ID:	20039595
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20000920
Creation Date:	11/14/2000 0:00:00
Receipt Date:	20000928
Manifest ID:	20158679
Trans EPA ID:	CAR000036129
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1485
Waste Quantity:	45
Quantity Unit:	G

VREELAND CADILLAC (Continued) **S113019541**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000823
Creation Date:	10/23/2000 0:00:00
Receipt Date:	20000825
Manifest ID:	20158495
Trans EPA ID:	CAR000036129
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1155
Waste Quantity:	35
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000802
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000808
Manifest ID:	20166162
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	SCR000074591
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20000726
Creation Date:	9/25/2000 0:00:00
Receipt Date:	20000811

VREELAND CADILLAC (Continued) **S113019541**

Manifest ID:	20203916
Trans EPA ID:	CAR000036129
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008302903
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008302903
TSDF Alt Name:	Not reported
Waste Code Description:	212 - Oxygenated solvents (acetone, butanol, ethyl acetate, etc.
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1485
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2004
Gen EPA ID:	CAD983671538
Shipment Date:	20040830
Creation Date:	12/22/2004 18:31:08
Receipt Date:	20040830
Manifest ID:	23838475
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040702
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040702
Manifest ID:	22945710
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: CAD008252405
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.1188
Waste Quantity: 33
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20040212
Creation Date: 9/10/2004 9:51:11
Receipt Date: 20040212
Manifest ID: 22942013
Trans EPA ID: CAD008252405
Trans Name: PACIFIC COAST LACQUER
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: CAD008252405
TSDF Alt Name: Not reported
Waste Code Description: 214 - Unspecified solvent mixture
RCRA Code: D001
Meth Code: R01 - Recycler
Quantity Tons: 0.0936
Waste Quantity: 26
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 1997
Gen EPA ID: CAD983671538

Shipment Date: 19971208
Creation Date: 7/23/1998 0:00:00
Receipt Date: 19971209
Manifest ID: 96835262
Trans EPA ID: CAD028277036
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: Not reported
TSDF Alt EPA ID: CAT080013352
TSDF Alt Name: Not reported
Waste Code Description: 133 - Aqueous solution with 10% or more total organic residues

VREELAND CADILLAC (Continued) **S113019541**

RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.5421
Waste Quantity:	130
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971105
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971106
Manifest ID:	96827854
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.5421
Waste Quantity:	130
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19971017
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971023
Manifest ID:	96844071
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Additional Code 5:	Not reported
Shipment Date:	19971008
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971009
Manifest ID:	96828941
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.7089
Waste Quantity:	170
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970725
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970731
Manifest ID:	96853287
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970718
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970721
Manifest ID:	96817689
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970606
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19970609
Manifest ID:	96825874
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19970502
Creation Date:	7/17/1997 0:00:00
Receipt Date:	19970508
Manifest ID:	96631012
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144

VREELAND CADILLAC (Continued) **S113019541**

Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970417
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970418
Manifest ID:	96830335
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970416
Creation Date:	7/17/1997 0:00:00
Receipt Date:	Not reported
Manifest ID:	96830335
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Additional Info:

Year:	2003
Gen EPA ID:	CAD983671538
Shipment Date:	20031222
Creation Date:	8/13/2004 7:53:20
Receipt Date:	20031222
Manifest ID:	22900294
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.036
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031121
Creation Date:	8/30/2004 14:52:16
Receipt Date:	20031121
Manifest ID:	22891477
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20031024
Creation Date:	8/5/2004 10:07:02
Receipt Date:	20031024
Manifest ID:	22895454
Trans EPA ID:	CAD008252405

VREELAND CADILLAC (Continued) **S113019541**

Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030925
Creation Date:	8/3/2004 15:01:39
Receipt Date:	20030925
Manifest ID:	22891197
Trans EPA ID:	CAD008252405
Trans Name:	PACIFIC COAST LACQUER
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.072
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030827
Creation Date:	8/2/2004 9:38:39
Receipt Date:	20030827
Manifest ID:	22897460
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001

VREELAND CADILLAC (Continued) **S113019541**

Meth Code:	R01 - Recycler
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030804
Creation Date:	7/28/2004 10:48:03
Receipt Date:	20030804
Manifest ID:	22897132
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.108
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20030707
Creation Date:	7/23/2004 13:23:15
Receipt Date:	20030707
Manifest ID:	22892629
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.18
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Shipment Date:	20030520
Creation Date:	7/20/2004 12:51:42
Receipt Date:	20030520
Manifest ID:	22562288
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030403
Creation Date:	7/13/2003 18:31:11
Receipt Date:	20030416
Manifest ID:	22435383
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.53376
Waste Quantity:	128
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20030318
Creation Date:	6/21/2003 18:30:56
Receipt Date:	20030411
Manifest ID:	22435382
Trans EPA ID:	TXR000050930
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893

VREELAND CADILLAC (Continued) **S113019541**

Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2002
Gen EPA ID:	CAD983671538
Shipment Date:	20021231
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20030106
Manifest ID:	22204353
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021231
Creation Date:	3/31/2003 18:31:15
Receipt Date:	20030106
Manifest ID:	22204353
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Meth Code:	H01 - Transfer Station
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021231
Creation Date:	3/29/2003 18:31:12
Receipt Date:	20030107
Manifest ID:	22204354
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.24186
Waste Quantity:	58
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021218
Creation Date:	3/30/2003 18:31:13
Receipt Date:	20021218
Manifest ID:	21950847
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Shipment Date:	20021125
Creation Date:	3/27/2003 18:31:27
Receipt Date:	20021125
Manifest ID:	21771495
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021105
Creation Date:	2/21/2003 10:41:38
Receipt Date:	20021112
Manifest ID:	22145933
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20021028
Creation Date:	2/13/2003 18:31:35
Receipt Date:	20021028
Manifest ID:	21953939
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405

VREELAND CADILLAC (Continued) **S113019541**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.144
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20021007
Creation Date:	1/28/2003 18:33:13
Receipt Date:	20021015
Manifest ID:	21910476
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020930
Creation Date:	2/18/2003 18:31:24
Receipt Date:	20020930
Manifest ID:	21952306
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G

VREELAND CADILLAC (Continued) **S113019541**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20020916
Creation Date:	1/27/2003 18:32:25
Receipt Date:	20020919
Manifest ID:	21904750
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAD983671538
Shipment Date:	19961204
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961205
Manifest ID:	96347450
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Shipment Date:	19961112
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19961119
Manifest ID:	96464660
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961002
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961003
Manifest ID:	96003226
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.688
Waste Quantity:	165
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960903
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960904
Manifest ID:	96003421
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352

VREELAND CADILLAC (Continued) **S113019541**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960826
Creation Date:	9/12/1997 0:00:00
Receipt Date:	19960829
Manifest ID:	96504411
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960802
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960805
Manifest ID:	96011988
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G

VREELAND CADILLAC (Continued) **S113019541**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960702
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19960703
Manifest ID:	96010374
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960603
Creation Date:	12/4/1997 0:00:00
Receipt Date:	19960607
Manifest ID:	96137343
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960514
Creation Date:	5/21/1997 0:00:00
Receipt Date:	19960515

VREELAND CADILLAC (Continued) **S113019541**

Manifest ID:	96008816
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960313
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960314
Manifest ID:	95396163
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.417
Waste Quantity:	100
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAD983671538

Shipment Date:	19941212
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941213
Manifest ID:	93714944
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.176
Waste Quantity:	280
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19941028
Creation Date:	3/28/1996 0:00:00
Receipt Date:	19941031
Manifest ID:	93321496
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.05
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940922
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940923
Manifest ID:	93321476
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.05
Waste Quantity:	250

VREELAND CADILLAC (Continued) **S113019541**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940811
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940812
Manifest ID:	93722176
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.26
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940624
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940629
Manifest ID:	93321455
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.05
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19940512
Creation Date:	3/26/1996 0:00:00

VREELAND CADILLAC (Continued) **S113019541**

Receipt Date:	19940512
Manifest ID:	93715346
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.155
Waste Quantity:	275
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940330
Creation Date:	3/25/1996 0:00:00
Receipt Date:	Not reported
Manifest ID:	93321702
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	1.26
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19940209
Creation Date:	9/15/1995 0:00:00
Receipt Date:	19940209
Manifest ID:	93325644
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352

VREELAND CADILLAC (Continued) **S113019541**

TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.575
Waste Quantity:	375
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2001
Gen EPA ID:	CAD983671538
Shipment Date:	20011221
Creation Date:	2/20/2002 0:00:00
Receipt Date:	20011221
Manifest ID:	21414683
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.162
Waste Quantity:	45
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011128
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011205
Manifest ID:	21319594
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168

VREELAND CADILLAC (Continued) **S113019541**

Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011126
Creation Date:	2/19/2002 0:00:00
Receipt Date:	20011126
Manifest ID:	21413624
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1476
Waste Quantity:	41
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011112
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011119
Manifest ID:	21312202
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613893
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0966
Waste Quantity:	23
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20011108

VREELAND CADILLAC (Continued) **S113019541**

Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011113
Manifest ID:	21312203
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT000613976
TSDF Alt Name:	Not reported
Waste Code Description:	741 - Liquids with halogenated organic compounds > 1000 mg/l
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.2502
Waste Quantity:	60
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011026
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011026
Manifest ID:	21411323
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.1872
Waste Quantity:	52
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20011009
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20011016
Manifest ID:	21393749
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010928
Creation Date:	1/16/2002 0:00:00
Receipt Date:	20010928
Manifest ID:	21409499
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.09
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010914
Creation Date:	12/17/2001 0:00:00
Receipt Date:	20010914
Manifest ID:	21407854
Trans EPA ID:	CAD008252405
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD008252405
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.2412
Waste Quantity:	67
Quantity Unit:	G
Additional Code 1:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20010824
Creation Date:	10/3/2001 0:00:00
Receipt Date:	20010830
Manifest ID:	21114472
Trans EPA ID:	SCR000075150
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAD983671538
Shipment Date:	19981221
Creation Date:	2/26/1999 0:00:00
Receipt Date:	19981221
Manifest ID:	98844184
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Shipment Date:	19981214
Creation Date:	2/8/1999 0:00:00
Receipt Date:	19981221
Manifest ID:	98451571
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981112
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981113
Manifest ID:	98513784
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981105
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981111
Manifest ID:	98318467
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893

VREELAND CADILLAC (Continued) **S113019541**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981030
Creation Date:	1/5/1999 0:00:00
Receipt Date:	19981030
Manifest ID:	98208962
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD099452708
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	7.7562
Waste Quantity:	1860
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19981001
Creation Date:	12/7/1998 0:00:00
Receipt Date:	19981001
Manifest ID:	98504536
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.9591
Waste Quantity:	230
Quantity Unit:	G

VREELAND CADILLAC (Continued) **S113019541**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980923
Creation Date:	11/19/1998 0:00:00
Receipt Date:	19980930
Manifest ID:	98281389
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	SCD987574647
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980818
Creation Date:	11/2/1998 0:00:00
Receipt Date:	19980818
Manifest ID:	96834331
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980703
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980703

VREELAND CADILLAC (Continued) **S113019541**

Manifest ID:	98159781
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19980630
Creation Date:	9/15/1998 0:00:00
Receipt Date:	19980715
Manifest ID:	98180939
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1995
Gen EPA ID:	CAD983671538

Shipment Date:	19951227
Creation Date:	9/18/1996 0:00:00
Receipt Date:	19951228
Manifest ID:	95399223
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.6255
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951120
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951121
Manifest ID:	95399318
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.251
Waste Quantity:	300
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950925
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950926
Manifest ID:	95397406
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200

VREELAND CADILLAC (Continued) **S113019541**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950922
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19950926
Manifest ID:	95418345
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.018
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950821
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950822
Manifest ID:	95494418
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.7506
Waste Quantity:	180
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950721
Creation Date:	4/2/1996 0:00:00

VREELAND CADILLAC (Continued) **S113019541**

Receipt Date:	19950724
Manifest ID:	95489537
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.834
Waste Quantity:	200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950703
Creation Date:	11/13/1995 0:00:00
Receipt Date:	19950710
Manifest ID:	95523283
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950622
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950624
Manifest ID:	95124751
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352

VREELAND CADILLAC (Continued) **S113019541**

TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	1.0425
Waste Quantity:	250
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950503
Creation Date:	4/2/1996 0:00:00
Receipt Date:	19950504
Manifest ID:	95127990
Trans EPA ID:	CAD028277036
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.924
Waste Quantity:	220
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950412
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950414
Manifest ID:	93769167
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD093459485
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

VREELAND CADILLAC (Continued) **S113019541**

Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: VREELAND CADILLAC
Address: 1501 VENTURA BOULEVARD
City,State,Zip: OXNARD, CA 93036-1873
Site ID: 503976
CERS ID: 110002901619
CERS Description: US EPA Air Emission Inventory System (EIS)

Name: ALEXANDER GMC BUICK
Address: 1501 VENTURA BLVD., EAST
City,State,Zip: OXNARD, CA 93036
Site ID: 90774
CERS ID: 10202191
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 90774
Site Name: Alexander GMC Buick
Violation Date: 05-14-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes: Returned to compliance on 06/14/2018.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Site ID: 90774
Site Name: Alexander GMC Buick
Violation Date: 05-14-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to ensure that tanks are inspected and tested by an appropriately qualified person in accordance with industry standards.
Violation Notes: Returned to compliance on 06/14/2018.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Site ID: 90774
Site Name: Alexander GMC Buick
Violation Date: 05-14-2018
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Returned to compliance on 06/14/2018.
Violation Division: Oxnard City CUPA

VREELAND CADILLAC (Continued) **S113019541**

Violation Program: HW
Violation Source: CERS

Site ID: 90774
Site Name: Alexander GMC Buick
Violation Date: 05-14-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to adequately and accurately describe in the SPCC Plan the physical layout of the facility.
Violation Notes: Returned to compliance on 06/14/2018.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Site ID: 90774
Site Name: Alexander GMC Buick
Violation Date: 05-14-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide and maintain secondary containment for bulk storage tank installations (except for mobile refuelers and other non-transportation-related tank trucks) sufficient to hold the capacity of the largest container and sufficient freeboard for precipitation.
Violation Notes: Returned to compliance on 06/14/2018.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-14-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

VREELAND CADILLAC (Continued) **S113019541**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-27-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1501 E. Ventura Blvd.
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93036
Affiliation Phone: Not reported

Affiliation Type Desc: Parent Corporation
Entity Name: Alexander GMC Buick
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Document Preparer
Entity Name: Jerry Montenegro, Celly Services, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

VREELAND CADILLAC (Continued) **S113019541**

Affiliation Type Desc:	Operator
Entity Name:	Robert Alexander
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 988-2200

Affiliation Type Desc:	Environmental Contact
Entity Name:	Dominic Coggiola
Entity Title:	Not reported
Affiliation Address:	1501 E. Ventura Blvd.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Robert Alexander
Entity Title:	Not reported
Affiliation Address:	1501 E. Ventura Blvd.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 988-2200

Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722

Affiliation Type Desc:	Identification Signer
Entity Name:	Dominic Coggiola
Entity Title:	Director of Fixed Operations
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	Leo Bunnin
Entity Title:	Not reported
Affiliation Address:	1501 Ventura Blvd, East
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States

VREELAND CADILLAC (Continued) **S113019541**

Affiliation Zip: 93036
Affiliation Phone: (805) 988-2200

HWTS:
Name: VREELAND CADILLAC
Address: 1501 VENTURA BLVD
Address 2: Not reported
City,State,Zip: OXNARD, CA 930300000
EPA ID: CAD983671538
Inactive Date: 03/07/2003
Create Date: 12/08/1995
Last Act Date: 04/11/2006
Mailing Name: Not reported
Mailing Address: 1501 E VENTURA BLVD
Mailing Address 2: Not reported
Mailing City,State,Zip: OXNARD, CA 930361873
Owner Name: VREELAND CADILLAC INC
Owner Address: 1501 E VENTURA BLVD
Owner Address 2: Not reported
Owner City,State,Zip: OXNARD, CA 930361873
Contact Name: STEPHEN G CAVANAGH/VP
Contact Address: 1501 E VENTURA BLVD
Contact Address 2: Not reported
City,State,Zip: OXNARD, CA 930361873

NAICS:
EPA ID: CAD983671538
Create Date: 2002-03-14 16:36:27.000
NAICS Code: 44111
NAICS Description: New Car Dealers
Issued EPA ID Date: 1995-12-08 00:00:00
Inactive Date: 2003-03-07 00:00:00
Facility Name: VREELAND CADILLAC
Facility Address: 1501 VENTURA BLVD
Facility Address 2: Not reported
Facility City: OXNARD
Facility County: Not reported
Facility State: CA
Facility Zip: 930300000

E27 **BUNNIN GMC PONTIAC BUICK** **AST** **A100339773**
SSW **1501 VENTURA BLVD.** **N/A**
1/8-1/4 **OXNARD, CA**
0.196 mi.
1037 ft. **Site 3 of 15 in cluster E**

Relative:
Lower

Actual:
90 ft.

AST:
Name: BUNNIN GMC PONTIAC BUICK
Address: 1501 VENTURA BLVD.
City/Zip: OXNARD,
Certified Unified Program Agencies: Oxnard
Owner: LEO BUNNIN
Total Gallons: 2,569
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported

BUNNIN GMC PONTIAC BUICK (Continued) **A100339773**

Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

E28 **BUNNIN BUICK-GMC, INC.** **RCRA-SQG** **1025865536**
SSW **1501 VENTURA BLVD** **CAD983671538**
1/8-1/4 **OXNARD, CA 93036**
0.196 mi.
1037 ft. **Site 4 of 15 in cluster E**

Relative: RCRA-SQG:
Lower

Date Form Received by Agency:		2003-05-09 00:00:00.0
Handler Name:	BUNNIN BUICK-GMC, INC.	
Handler Address:		1501 VENTURA BLVD
Handler City,State,Zip:		OXNARD, CA 93036
EPA ID:		CAD983671538
Contact Name:		NILE RAGUSIN
Contact Address:		1501 VENTURA BLVD
Contact City,State,Zip:		OXNARD, CA 93036
Contact Telephone:		805-656-5400
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		1501 VENTURA BLVD
Mailing City,State,Zip:		OXNARD, CA 93036
Owner Name:		LEO BUNNIN
Owner Type:		Private
Operator Name:		LEO BUNNIN
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No

Actual:
90 ft.

BUNNIN BUICK-GMC, INC. (Continued) **1025865536**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2003-06-27 14:18:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:
Waste Code: D001

BUNNIN BUICK-GMC, INC. (Continued) **1025865536**

Waste Description: IGNITABLE WASTE

Waste Code: D005
Waste Description: BARIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: DAN VREELAND
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1501 VENTURA BLVD
Owner/Operator City,State,Zip: OXNARD, CA 93030
Owner/Operator Telephone: 805-656-5400
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner

BUNNIN BUICK-GMC, INC. (Continued) **1025865536**

Owner/Operator Name:	LEO BUNNIN
Legal Status:	Private
Date Became Current:	2003-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	LEO BUNNIN
Legal Status:	Private
Date Became Current:	2003-03-07 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1993-07-12 00:00:00.0
Handler Name: VREELAND CADILLAC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	2003-05-09 00:00:00.0
Handler Name: BUNNIN BUICK-GMC, INC.	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

NAICS Code:	811121
NAICS Description:	AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

BUNNIN BUICK-GMC, INC. (Continued) **1025865536**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E29 **R&A ALEXANDER INVESTMENTS LLC ALEXANDER BUICK GMC** **RCRA NonGen / NLR** **1024834356**
SSW **1501 E VENTURA BLVD** **CAL000374724**
1/8-1/4 **OXNARD, CA 93036**
0.196 mi.
1037 ft. **Site 5 of 15 in cluster E**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:	2012-05-21 00:00:00.0
Handler Name:	R&A ALEXANDER INVESTMENTS LLC ALEXANDER BUICK GMC
Handler Address:	1501 E VENTURA BLVD
Handler City,State,Zip:	OXNARD, CA 93036
EPA ID:	CAL000374724
Contact Name:	KATIE KEMP
Contact Address:	1600 AUTO CENTER DR
Contact City,State,Zip:	OXNARD, CA 93036
Contact Telephone:	805-988-2200
Contact Fax:	Not reported
Contact Email:	KKEMP@ALEXANDERBGC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1600 AUTO CENTER DR
Mailing City,State,Zip:	OXNARD, CA 93036-0000
Owner Name:	R&A ALEXANDER INVESTMENTS LLC
Owner Type:	Other
Operator Name:	KATIE KEMP
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported

Actual:
90 ft.

R&A ALEXANDER INVESTMENTS LLC ALEXANDER BUICK GMC (Continued) **1024834356**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:00:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KATIE KEMP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1600 AUTO CENTER DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-988-2200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	R&A ALEXANDER INVESTMENTS LLC
Legal Status:	Other

R&A ALEXANDER INVESTMENTS LLC ALEXANDER BUICK GMC (Continued) **1024834356**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1600 AUTO CENTER DR
Owner/Operator City,State,Zip:	OXNARD, CA 93036-0000
Owner/Operator Telephone:	805-988-2200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2012-05-21 00:00:00.0
Handler Name:	R&A ALEXANDER INVESTMENTS LLC ALEXANDER BUICK GMC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS
NAICS Code:	811111
NAICS Description:	GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

---

30 West 1/8-1/4 0.198 mi. 1047 ft.

DON SMITH
1138 E STROUBE ST
OXNARD, CA 93036

RCRA NonGen / NLR **1026468611** **CAC003074036**

Relative: Lower

Actual: 91 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-07-08 00:00:00.0
Handler Name:	DON SMITH	
Handler Address:		1138 E STROUBE ST
Handler City,State,Zip:		OXNARD, CA 93036
EPA ID:		CAC003074036
Contact Name:		DON SMITH
Contact Address:		1138 E STROUBE ST
Contact City,State,Zip:		OXNARD, CA 93036
Contact Telephone:		805-844-9918
Contact Fax:		Not reported
Contact Email:		SMITH1138@ICLOUD.COM
Contact Title:		Not reported

DON SMITH (Continued) **1026468611**

EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1138 E STROUBE ST
Mailing City,State,Zip:	OXNARD, CA 93036
Owner Name:	DON SMITH
Owner Type:	Other
Operator Name:	DON SMITH
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

DON SMITH (Continued) **1026468611**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-07-10 18:45:16.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DON SMITH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1138 E STROUBE ST
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-844-9918
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DON SMITH
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1138 E STROUBE ST
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-844-9918
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-07-08 00:00:00.0
Handler Name: DON SMITH	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299

DON SMITH (Continued) **1026468611**

NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E31 **GENERAL TELPHONE OF CA** **RCRA-SQG** **1000214053**
SSW **1505 VENTURA BLVD** **FINDS** **CAD980889877**
1/8-1/4 **OXNARD, CA 93030** **ECHO**
0.201 mi.
1060 ft. **Site 6 of 15 in cluster E**

Relative:
Lower

Actual:
90 ft.

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	GENERAL TELPHONE OF CA
Handler Address:	1505 VENTURA BLVD
Handler City,State,Zip:	OXNARD, CA 93030
EPA ID:	CAD980889877
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	3
Mailing Address:	P O BOX 725
Mailing City,State,Zip:	CHINO, CA 91708
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

GENERAL TELPHONE OF CA (Continued) **1000214053**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:22:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

GENERAL TELPHONE OF CA (Continued) **1000214053**

Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1996-09-01 00:00:00.0
Handler Name: GENERAL TELPHONE OF CA
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1985-10-07 00:00:00.0
Handler Name: GENERAL TELPHONE OF CA
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 1990-04-25 00:00:00.0
Handler Name: GTE CA (EL RIO CENTRAL OFFICE)
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 5133
NAICS Description: TELECOMMUNICATIONS

GENERAL TELPHONE OF CA (Continued) **1000214053**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002675784

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000214053
Registry ID:	110002675784
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002675784
Name:	GENERAL TELPHONE OF CA
Address:	1505 VENTURA BLVD
City,State,Zip:	OXNARD, CA 93030

E32 **GENERAL TELEPHONE** **SWEEPS UST** **U001967113**
SSW **1505 VENTURA BLVD** **CA FID UST** **N/A**
1/8-1/4 **OXNARD, CA**
0.201 mi.
1060 ft. **Site 7 of 15 in cluster E**

Relative:
Lower

Actual:
90 ft.

SWEEPS UST:

Name:	GENERAL TELEPHONE
Address:	1505 VENTURA BLVD
City:	OXNARD
Status:	Active
Comp Number:	1039
Number:	9
Board Of Equalization:	44-003721
Referral Date:	09-30-92
Action Date:	09-30-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	56-000-001039-000001
Tank Status:	A
Capacity:	4000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	1

GENERAL TELEPHONE (Continued) **U001967113**

CA FID UST:
Facility ID: 56001921
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 1505 VENTURA BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: OXNARD
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

E33 **GTE EL RIO C.O.** **LUST** **S102859921**
SSW **1505 VENTURA BL** **Cortese** **N/A**
1/8-1/4 **OXNARD, CA 91708** **HIST CORTESE**
0.201 mi. **CERS**
1060 ft. **Site 8 of 15 in cluster E**

Relative:
Lower

Actual:
90 ft.

LUST:
Name: GTE EL RIO C.O.
Address: 1505 VENTURA BL
City,State,Zip: OXNARD, CA 91708
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611101082
Global Id: T0611101082
Latitude: 34.2257595
Longitude: -119.1590481
Status: Completed - Case Closed
Status Date: 10/10/1996
Case Worker: Not reported
RB Case Number: C-96007
Local Agency: Not reported
File Location: Not reported
Local Case Number: 96007
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0611101082
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:

GTE EL RIO C.O. (Continued) **S102859921**

Global Id: T0611101082
Action Type: ENFORCEMENT
Date: 04/16/1996
Action: * Historical Enforcement

Global Id: T0611101082
Action Type: Other
Date: 03/13/1996
Action: Leak Discovery

Global Id: T0611101082
Action Type: Other
Date: 03/13/1996
Action: Leak Reported

LUST:
Global Id: T0611101082
Status: Open - Case Begin Date
Status Date: 01/24/1996

Global Id: T0611101082
Status: Open - Remediation
Status Date: 01/24/1996

Global Id: T0611101082
Status: Open - Site Assessment
Status Date: 03/13/1996

Global Id: T0611101082
Status: Open - Remediation
Status Date: 10/09/1996

Global Id: T0611101082
Status: Open - Site Assessment
Status Date: 10/09/1996

Global Id: T0611101082
Status: Completed - Case Closed
Status Date: 10/10/1996

Name: GTE EL RIO CENTRAL OFFICE
Address: 1505 VENTURA BLVD
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611100374
Global Id: T0611100374
Latitude: 34.227988
Longitude: -119.156297
Status: Completed - Case Closed
Status Date: 02/07/1991
Case Worker: Not reported
RB Case Number: C-88138
Local Agency: Not reported
File Location: Not reported
Local Case Number: 88138

GTE EL RIO C.O. (Continued) **S102859921**

Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0611100374
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

LUST:
Global Id: T0611100374
Action Type: ENFORCEMENT
Date: 09/29/1987
Action: * Historical Enforcement

Global Id: T0611100374
Action Type: Other
Date: 09/29/1987
Action: Leak Discovery

Global Id: T0611100374
Action Type: Other
Date: 09/29/1987
Action: Leak Reported

LUST:
Global Id: T0611100374
Status: Open - Case Begin Date
Status Date: 09/29/1987

Global Id: T0611100374
Status: Open - Site Assessment
Status Date: 09/29/1987

Global Id: T0611100374
Status: Open - Site Assessment
Status Date: 07/01/1988

Global Id: T0611100374
Status: Open - Site Assessment
Status Date: 12/27/1989

Global Id: T0611100374
Status: Open - Verification Monitoring
Status Date: 12/31/1990

Global Id: T0611100374
Status: Completed - Case Closed
Status Date: 02/07/1991

GTE EL RIO C.O. (Continued) **S102859921**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-96007	
Status:	Case Closed	
Substance:	Diesel	
Substance Quantity:	Not reported	
Local Case No:	96007	
Case Type:	Soil	
Abatement Method Used at the Site:		Excavate and Dispose
Global ID:	T0611101082	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	EF	
Date Leak Discovered:	3/13/1996	
Date Leak First Reported:		3/13/1996
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	3/13/1996	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		10/10/1996
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		636.17809771938401647169640852
Source of Cleanup Funding:		F
Preliminary Site Assessment Workplan Submitted:		3/13/1996
Preliminary Site Assessment Began:		10/9/1996
Pollution Characterization Began:		3/13/1996
Remediation Plan Submitted:		10/9/1996
Remedial Action Underway:		1/24/1996
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		4/16/1996
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	GTE CALIFORNIA INC	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.2257595 / -1	
Local Agency Staff:	EHD	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	

GTE EL RIO C.O. (Continued) **S102859921**

Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:
Name: GTE EL RIO C.O.
Address: 1505 VENTURA BL
City: OXNARD
Region: VENTURA
Facility ID: 96007
Status: Case Closed

CORTESE:
Name: GTE EL RIO C.O.
Address: 1505 VENTURA BL
City,State,Zip: OXNARD, CA 91708
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611101082
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

Name: GTE EL RIO CENTRAL OFFICE
Address: 1505 VENTURA BLVD
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611100374
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported

GTE EL RIO C.O. (Continued) **S102859921**

Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: GTE-EL RIO CENTRAL OFFICE
edr_fadd1: 1505 VENTURA
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-88138

edr_fname: GTE-EL RIO C.O.
edr_fadd1: 1505 VENTURA
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-96007

CERS:
Name: GTE EL RIO C.O.
Address: 1505 VENTURA BL
City,State,Zip: OXNARD, CA 91708
Site ID: 229722
CERS ID: T0611101082
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

E34 **GTE-EL RIO CENTRAL OFFICE** **LUST** **S102859923**
SSW **1505 VENTURA BLVD** **CERS** **N/A**
1/8-1/4 **OXNARD, CA 93030**
0.201 mi.
1060 ft. **Site 9 of 15 in cluster E**

Relative:
Lower

Actual:
90 ft.

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-88138
Status: Case Closed
Substance: Diesel
Substance Quantity: Not reported

GTE-EL RIO CENTRAL OFFICE (Continued) **S102859923**

Local Case No:	88138	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611100374	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	EF	
Date Leak Discovered:	9/29/1987	
Date Leak First Reported:		9/29/1987
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	7/1/1988	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		2/7/1991
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		947.866110695822760092929673 9
Source of Cleanup Funding:		S
Preliminary Site Assessment Workplan Submitted:		9/29/1987
Preliminary Site Assessment Began:		12/27/1989
Pollution Characterization Began:		12/27/1989
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		12/31/1990
Enforcement Action Date:		9/29/1987
Historical Max MTBE Date:		Not reported
Hist Max MTBE Conc in Groundwater:		Not reported
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	GENERAL TELEPHONE CO	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.2280035 / -1	
Local Agency Staff:	EHD	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

VENTURA CO. LUST:

Name:	GTE EL RIO CENTRAL OFFICE
Address:	1505 VENTURA BLVD
City:	OXNARD
Region:	VENTURA

GTE-EL RIO CENTRAL OFFICE (Continued) **S102859923**

Facility ID: 88138
Status: Case Closed

CERS:
Name: GTE EL RIO CENTRAL OFFICE
Address: 1505 VENTURA BLVD
City,State,Zip: OXNARD, CA 93030
Site ID: 227840
CERS ID: T0611100374
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

E35 **DCH HONDA OF OXNARD** **RCRA-LQG** **1000126965**
SSW **1500 E VENTURA BLVD** **LUST** **CAD982403131**
1/8-1/4 **OXNARD, CA 93030** **CERS**
0.216 mi.
1138 ft. **Site 10 of 15 in cluster E**

Relative: **Lower**
Actual: **91 ft.**

RCRA-LQG:
Date Form Received by Agency: 2019-07-01 00:00:00.0
Handler Name: DCH HONDA OF OXNARD
Handler Address: 1500 E VENTURA BLVD
Handler City,State,Zip: OXNARD, CA 93030
EPA ID: CAD982403131
Contact Name: BRIAN M LEWEY
Contact Address: E VENTURA BLVD
Contact City,State,Zip: OXNARD, CA 93030
Contact Telephone: 805-973-1000 x1501
Contact Fax: Not reported
Contact Email: BLEWEY@DCHUSA.COM
Contact Title: OPERATIONS MANAGER
EPA Region: 09
Land Type: Other
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 3
Mailing Address: E VENTURA BLVD
Mailing City,State,Zip: OXNARD, CA 93030
Owner Name: DCH(OXNARD)INC
Owner Type: Private
Operator Name: DCH(OXNARD)INC
Operator Type: Private
Short-Term Generator Activity: No

DCH HONDA OF OXNARD (Continued) **1000126965**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-07-02 14:11:35.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	Not reported

DCH HONDA OF OXNARD (Continued) **1000126965**

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CORPORATION
Legal Status: County
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: County
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: DCH(OXNARD)INC
Legal Status: Private
Date Became Current: 2014-10-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1500 E VENTURA BLVD
Owner/Operator City,State,Zip: OXNARD, CA 93030
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: DCH(OXNARD)INC
Legal Status: Private
Date Became Current: 2014-10-01 00:00:00.
Date Ended Current: Not reported

DCH HONDA OF OXNARD (Continued) **1000126965**

Owner/Operator Address: 1500 E VENTURA BLVD
Owner/Operator City,State,Zip: OXNARD, CA 93030
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1989-08-23 00:00:00.0
Handler Name: DCH OXNARD INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2019-07-01 00:00:00.0
Handler Name: DCH HONDA OF OXNARD
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LUST:
Name: HONDA OF OXNARD
Address: 1500 VENTURA BLVD.
City,State,Zip: OXNARD, CA 93030
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611170364
Global Id: T0611170364
Latitude: 34.228084
Longitude: -119.156427

DCH HONDA OF OXNARD (Continued) **1000126965**

Status: Completed - Case Closed
Status Date: 10/02/2003
Case Worker: DBW
RB Case Number: C02012
Local Agency: VENTURA COUNTY
File Location: Not reported
Local Case Number: 02012
Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0611170364
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0611170364
Contact Type: Local Agency Caseworker
Contact Name: DIANE B. WAHL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE.
City: VENTURA
Email: diane.wahl@ventura.org
Phone Number: 8056545040

LUST:
Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 10/02/2003
Action: Closure/No Further Action Letter

Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 01/01/2003
Action: * Historical Enforcement

Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 07/30/2003
Action: File review

Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 07/29/2003
Action: File review

Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 01/01/2016
Action: File review

Global Id: T0611170364

DCH HONDA OF OXNARD (Continued) **1000126965**

Action Type: RESPONSE
Date: 08/22/2003
Action: Other Report / Document

Global Id: T0611170364
Action Type: Other
Date: 07/24/2002
Action: Leak Discovery

Global Id: T0611170364
Action Type: Other
Date: 07/24/2002
Action: Leak Stopped

Global Id: T0611170364
Action Type: ENFORCEMENT
Date: 05/14/2003
Action: * Historical Enforcement

Global Id: T0611170364
Action Type: Other
Date: 07/24/2002
Action: Leak Reported

Global Id: T0611170364
Action Type: RESPONSE
Date: 06/01/2003
Action: Soil and Water Investigation Report

LUST:
Global Id: T0611170364
Status: Open - Case Begin Date
Status Date: 07/24/2002

Global Id: T0611170364
Status: Completed - Case Closed
Status Date: 10/02/2003

CERS:
Name: HONDA OF OXNARD
Address: 1500 VENTURA BLVD.
City,State,Zip: OXNARD, CA 93030
Site ID: 222155
CERS ID: T0611170364
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

DCH HONDA OF OXNARD (Continued) **1000126965**

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DIANE B. WAHL - VENTURA COUNTY
Entity Title:	Not reported
Affiliation Address:	800 S. VICTORIA AVE.
Affiliation City:	VENTURA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	8056545040

E36 **HONDA OF OXNARD** **LUST** **U003783512**
SSW **1500 VENTURA BLVD.** **Cortese** **N/A**
1/8-1/4 **OXNARD, CA 93030**
0.216 mi.
1138 ft. **Site 11 of 15 in cluster E**

Relative: **Lower**

Actual: **91 ft.**

LUST REG 4:

Region:	4	
Regional Board:	04	
County:	Ventura	
Facility Id:	C-02012	
Status:	Case Closed	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	02012	
Case Type:	Undefined	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611170364	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	ROSE AVE.	
Enforcement Type:	CLOS	
Date Leak Discovered:	7/24/2002	
Date Leak First Reported:		7/24/2002
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	7/24/2002	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		10/2/2003
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Close Tank	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		Not reported
Source of Cleanup Funding:		UNK
Preliminary Site Assessment Workplan Submitted:		Not reported
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		Not reported
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		Not reported

HONDA OF OXNARD (Continued) **U003783512**

Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: 0
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: ND
Organization: Not reported
Owner Contact: Not reported
Responsible Party: HANK SCHLEGEL
RP Address: 1500 VENTURA BLVD.
Program: LUST
Lat/Long: 0 / 0
Local Agency Staff: DBW
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:
Name: HONDA OF OXNARD
Address: 1500 VENTURA BLVD
City: OXNARD
Region: VENTURA
Facility ID: 02012
Status: Case Closed

CORTESE:
Name: HONDA OF OXNARD
Address: 1500 VENTURA BLVD.
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611170364
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

E37 **DCH HONDA OF OXNARD** **AST** **A100419314**
SSW **1500 E VENTURA BLVD** **N/A**
1/8-1/4 **OXNARD, CA 93036**
0.216 mi.
1138 ft. **Site 12 of 15 in cluster E**

Relative: **Lower**

Actual: **91 ft.**

AST:

Name:	DCH HONDA OF OXNARD
Address:	1500 E VENTURA BLVD
City/Zip:	OXNARD,93036
Certified Unified Program Agencies:	Not reported
Owner:	DCH Honda of Oxnard
Total Gallons:	Not reported
CERSID:	10200412
Facility ID:	Not reported
Business Name:	DCH Honda of Oxnard
Phone:	805-973-1000
Fax:	Not reported
Mailing Address:	1500 E Ventura Blvd.
Mailing Address City:	Oxnard
Mailing Address State:	CA
Mailing Address Zip Code:	93036
Operator Name:	Nick Dunlea
Operator Phone:	805-973-1000
Owner Phone:	805-973-1000
Owner Mail Address:	P.O. Box 5526
Owner State:	CA
Owner Zip Code:	Not reported
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	CAL000039687

E38 **HONDA OF OXNARD** **CERS HAZ WASTE** **S113037497**
SSW **1500 E VENTURA BLVD** **CERS TANKS** **N/A**
1/8-1/4 **OXNARD, CA 93036** **HAZNET**
0.216 mi. **CERS**
1138 ft. **Site 13 of 15 in cluster E** **HWTS**

Relative: **Lower**

Actual: **91 ft.**

CERS HAZ WASTE:

Name:	DCH HONDA OF OXNARD
Address:	1500 E VENTURA BLVD
City,State,Zip:	OXNARD, CA 93036
Site ID:	110525
CERS ID:	10200412
CERS Description:	Hazardous Waste Generator

Name:	CALIBER COLLISION CENTERS - OXNARD AUTO MALL
Address:	1500 E VENTURA BLVD
City,State,Zip:	OXNARD, CA 93036
Site ID:	15114
CERS ID:	10589632
CERS Description:	Hazardous Waste Generator

HONDA OF OXNARD (Continued) **S113037497**

CERS TANKS:
Name: DCH HONDA OF OXNARD
Address: 1500 E VENTURA BLVD
City,State,Zip: OXNARD, CA 93036
Site ID: 110525
CERS ID: 10200412
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: HONDA OF OXNARD
Address: 1500 E VENTURA BLVD
Address 2: Not reported
City,State,Zip: OXNARD, CA 930361880
Contact: KELVIN BLANCO
Telephone: 8059731000
Mailing Name: Not reported
Mailing Address: PO BOX 5526

Year: 2015
Gepaid: CAL000039687
TSD EPA ID: CAD008252405
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.3125

Year: 2014
Gepaid: CAL000039687
TSD EPA ID: CAD008252405
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.25

Year: 2012
Gepaid: CAL000039687
TSD EPA ID: CAT080013352
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.2085

Year: 2009
Gepaid: CAL000039687
TSD EPA ID: CAT080013352
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 4.91643

Year: 2008
Gepaid: CAL000039687
TSD EPA ID: CAT080013352
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

HONDA OF OXNARD (Continued) **S113037497**

Tons:	6.57192
Year:	2007
Gepaid:	CAL000039687
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	6.58026
Year:	2006
Gepaid:	CAL000039687
TSD EPA ID:	CAT080013352
CA Waste Code:	222 - Oil/water separation sludge
Disposal Method:	R01 - Recycler
Tons:	6.55524

Additional Info:

Year:	2012
Gen EPA ID:	CAL000039687
Shipment Date:	20120718
Creation Date:	10/20/2012 22:15:09
Receipt Date:	20120718
Manifest ID:	003228088SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.2085
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000039687
Shipment Date:	20070507
Creation Date:	10/10/2007 18:30:24
Receipt Date:	20070508
Manifest ID:	000223731SKS
Trans EPA ID:	TXR000050930

HONDA OF OXNARD (Continued) **S113037497**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	6.58026
Waste Quantity:	1578
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2006
Gen EPA ID:	CAL000039687
Shipment Date:	20060503
Creation Date:	8/24/2006 18:31:59
Receipt Date:	20060503
Manifest ID:	25023396
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	6.55524
Waste Quantity:	1572
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2009
Gen EPA ID:	CAL000039687
Shipment Date:	20090310
Creation Date:	12/1/2011 10:33:36
Receipt Date:	20090312
Manifest ID:	001501291SKS

HONDA OF OXNARD (Continued) **S113037497**

Trans EPA ID: TXR000050930
Trans Name: SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 222 - Oil/water separation sludge
RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 4.91643
Waste Quantity: 1179
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAL000039687

Shipment Date: 20151119
Creation Date: 7/14/2016 18:31:06
Receipt Date: 20151125
Manifest ID: 015163522JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD008252405
Trans Name: PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: D018
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.1
Waste Quantity: 200
Quantity Unit: P
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20150709
Creation Date: 2/4/2016 22:16:03
Receipt Date: 20150715
Manifest ID: 014071776JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported

HONDA OF OXNARD (Continued) **S113037497**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1125
Waste Quantity:	225
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150115
Creation Date:	7/16/2015 22:15:08
Receipt Date:	20150121
Manifest ID:	013746130JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000039687

Shipment Date:	20140916
Creation Date:	2/13/2015 22:15:17
Receipt Date:	20140924
Manifest ID:	013090844JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY

HONDA OF OXNARD (Continued) **S113037497**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.175
Waste Quantity:	350
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140820
Creation Date:	2/11/2015 22:15:01
Receipt Date:	20140827
Manifest ID:	013089595JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAL000039687
Shipment Date:	20080507
Creation Date:	8/4/2008 18:30:22
Receipt Date:	20080509
Manifest ID:	000746847SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge

HONDA OF OXNARD (Continued) **S113037497**

RCRA Code: Not reported
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 6.57192
Waste Quantity: 1576
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CERS:
Name: DCH HONDA OF OXNARD
Address: 1500 E VENTURA BLVD
City,State,Zip: OXNARD, CA 93036
Site ID: 110525
CERS ID: 10200412
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 110525
Site Name: DCH Honda of Oxnard
Violation Date: 06-03-2020
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Not reported
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 110525
Site Name: DCH Honda of Oxnard
Violation Date: 10-15-2013
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to perform a five-year review of the SPCC plan.
Violation Notes: Returned to compliance on 11/25/2013. SPCC Plan onsite dated 2007. Per Katz SPCC Plan is being updated. Provide a current SPCC Plan and maintain available. Plan is to be reviewed every 5 years.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Site ID: 110525
Site Name: DCH Honda of Oxnard
Violation Date: 10-15-2013
Citation: HSC 6.95 25504(b) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(b)
Violation Description: Failure to include adequate emergency response procedures in the business plan for a release or threatened release.
Violation Notes: Returned to compliance on 10/30/2013. CA H&SC Section 25504(b) Emergency Response Plan Emergency Response Plan is being updated. Provide a current Plan with site map from employees. Upload to CERS.

HONDA OF OXNARD (Continued) **S113037497**

Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	110525
Site Name:	DCH Honda of Oxnard
Violation Date:	06-03-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	"Failure to prepare an SPCC Plan which fulfills all basic requirements that include: 1. The SPCC Plan must be prepared in accordance with good engineering practices. 2. Have full approval of management at a level of authority to commit the necessary resources to fully implement the SPCC Plan. 3. Prepare the SPCC Plan in writing. 4. Follow the sequence of the SPCC rule or include a cross-reference. 5. If the SPCC Plan calls for additional procedures, methods, or equipment not yet fully operational, discuss the items in separate paragraphs."
Violation Notes:	Not reported
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	110525
Site Name:	DCH Honda of Oxnard
Violation Date:	10-15-2013
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide and maintain adequate secondary containment.
Violation Notes:	Returned to compliance on 12/04/2013. Secondary containment areas for aboveground tanks are accumulating debris, tires, pallets. Provide daily inspections of secondary containment to maintain clean/dry. Document atleast monthly.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	110525
Site Name:	DCH Honda of Oxnard
Violation Date:	10-15-2013
Citation:	HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Description:	Business Plan Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 10/30/2014. CA H&SC Section 25509(a) Annual Inventory Report Facility has not logged onto CERS. Log onto CERS and provide required information. Maintain annually.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	110525
Site Name:	DCH Honda of Oxnard
Violation Date:	10-15-2013
Citation:	HSC 6.95 25504(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25504(c)
Violation Description:	Failure to include provisions in the business plan to ensure that appropriate personnel receive initial and annual training.

HONDA OF OXNARD (Continued) **S113037497**

Violation Notes: Returned to compliance on 10/25/2013. CA H&SC Section 25504(c) Employee Training Employee training is incomplete. Provide annual employee training regarding hazardous material management and emergency response.. Document and maintain available.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-03-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-03-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-03-2020
Violations Found: Yes

HONDA OF OXNARD (Continued) **S113037497**

Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-15-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-15-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-15-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 110525
Facility Name: DCH Honda of Oxnard
Env Int Type Code: HWG
Program ID: 10200412
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.227080
Longitude: -119.157170

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1500 E Ventura Blvd.
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93036
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: DCH Honda of Oxnard

HONDA OF OXNARD (Continued) **S113037497**

Entity Title:	Not reported
Affiliation Address:	P.O. Box 5526
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93031-5526
Affiliation Phone:	(805) 973-1000
Affiliation Type Desc:	Property Owner
Entity Name:	Lithia Auto
Entity Title:	Not reported
Affiliation Address:	1500 E Ventura Blvd
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 973-1000
Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722
Affiliation Type Desc:	Environmental Contact
Entity Name:	Alex Lopez
Entity Title:	Not reported
Affiliation Address:	1500 E Ventura Blvd.
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Nick Dunlea
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 973-1000
Affiliation Type Desc:	Parent Corporation
Entity Name:	DCH Honda of Oxnard
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

HONDA OF OXNARD (Continued) **S113037497**

Affiliation Type Desc:	Identification Signer
Entity Name:	Brian Lewey
Entity Title:	Service Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Michael Brockelhurst, EHS Consultant
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Name:	CALIBER COLLISION CENTERS - OXNARD AUTO MALL
Address:	1500 E VENTURA BLVD
City,State,Zip:	OXNARD, CA 93036
Site ID:	15114
CERS ID:	10589632
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	15114
Site Name:	Caliber Collision Centers - Oxnard Auto Mall
Violation Date:	01-24-2019
Citation:	40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description:	Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes:	Returned to compliance on 03/01/2019. Ground wire to flammable waste drum is not adequately connected to ground rod. Connect to terminal as per design intent. Replace coat hanger with wire & alligator clip.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS

Site ID:	15114
Site Name:	Caliber Collision Centers - Oxnard Auto Mall
Violation Date:	09-17-2020
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.

HONDA OF OXNARD (Continued) **S113037497**

Violation Notes:	Not reported
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	15114
Site Name:	Caliber Collision Centers - Oxnard Auto Mall
Violation Date:	08-20-2014
Citation:	HSC 6.11 25404.1 - California Health and Safety Code, Chapter 6.11, Section(s) 25404.1
Violation Description:	Failure to obtain and/or maintain an active hazardous waste generator permit.
Violation Notes:	Returned to compliance on 09/03/2014. Facility manages hazardous materials and generates hazardous waste onsite without a Permit. Log onto the Statewide website CERS, provide required information, and pay full permit. Brochure provided.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	15114
Site Name:	Caliber Collision Centers - Oxnard Auto Mall
Violation Date:	08-20-2014
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 09/03/2014. Facility manages hazardous materials and generates hazardous waste onsite without a Permit. Log onto the Statewide website CERS, provide required information, and pay full invoice. Brochure provided.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	15114
Site Name:	Caliber Collision Centers - Oxnard Auto Mall
Violation Date:	01-24-2019
Citation:	22 CCR 18 66268.7(a) - California Code of Regulations, Title 22, Chapter 18, Section(s) 66268.7(a)
Violation Description:	Failure to determine if the waste has to be treated before it can be land disposed and retain the documentation at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal.
Violation Notes:	Returned to compliance on 03/01/2019. Retain LDR notification for each shipment of RCRA Waste.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	15114
Site Name:	Caliber Collision Centers - Oxnard Auto Mall
Violation Date:	09-02-2015
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to complete and electronically submit hazardous material

HONDA OF OXNARD (Continued) **S113037497**

inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violation Notes: Returned to compliance on 09/15/2015. Hazardous material inventory submitted to CERS on Feb 23, 2015 is not accurate. Update CERS for Argon/CO2, Waste Paint Solid Materials, and Waste Sand Dust.
Violation Division: Oxnard City CUPA
Violation Program: HMRRP
Violation Source: CERS

Site ID: 15114
Site Name: Caliber Collision Centers - Oxnard Auto Mall
Violation Date: 01-24-2019
Citation: 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31
Violation Description: Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.
Violation Notes: Returned to compliance on 01/24/2019. Mixing room is equipped with Class I/Div I lighting; Door is propped open. Keep door closed.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspection conducted by Nathan West. Continued routine inspection on 1/28/2019.
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-24-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspection conducted by Nathan West.
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-20-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: New Business Inspection
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-20-2014
Violations Found: Yes

HONDA OF OXNARD (Continued) **S113037497**

Eval Type: Routine done by local agency
Eval Notes: New Business Inspection
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-02-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Coordinates:
Site ID: 15114
Facility Name: Caliber Collision Centers - Oxnard Auto Mall
Env Int Type Code: HWG
Program ID: 10589632
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.227050
Longitude: -119.157160

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Allison Kahl
Entity Title: Not reported

HONDA OF OXNARD (Continued) **S113037497**

Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1500 E Ventura Blvd
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Josh Petersen
Entity Title:	Center Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	CALIBER COLLISION CENTER
Entity Title:	Not reported
Affiliation Address:	2941 Lake Vista
Affiliation City:	LEWISVILLE
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	75067
Affiliation Phone:	(469) 948-9500
Affiliation Type Desc:	Operator
Entity Name:	Josh Petersen
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(805) 983-0904
Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722

HONDA OF OXNARD (Continued) **S113037497**

Affiliation Type Desc:	Environmental Contact
Entity Name:	GMG Envirosafe
Entity Title:	Not reported
Affiliation Address:	1658 N Milwaukee Avenue - Suite 287
Affiliation City:	Chicago
Affiliation State:	IL
Affiliation Country:	Not reported
Affiliation Zip:	60647
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	Caliber Bodyworks, Inc. dba Caliber Collision Centers
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Property Owner
Entity Name:	DCH California Investments LLC
Entity Title:	Not reported
Affiliation Address:	955 Route 9 North
Affiliation City:	South Amboy
Affiliation State:	NJ
Affiliation Country:	United States
Affiliation Zip:	08879
Affiliation Phone:	(732) 525-0359

HWTS:

Name:	HONDA OF OXNARD
Address:	1500 E VENTURA BLVD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930361880
EPA ID:	CAL000039687
Inactive Date:	06/30/2017
Create Date:	08/02/1993
Last Act Date:	12/28/2016
Mailing Name:	Not reported
Mailing Address:	PO BOX 5526
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930315526
Owner Name:	HONDA OF OXNARD
Owner Address:	PO BOX 5526
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930310000
Contact Name:	KELVIN BLANCO
Contact Address:	1500 E VENTURA BLVD
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93036

NAICS:

EPA ID:	CAL000039687
Create Date:	2006-11-27 18:30:15.000
NAICS Code:	44111

HONDA OF OXNARD (Continued) **S113037497**

NAICS Description:	New Car Dealers
Issued EPA ID Date:	1993-08-02 00:00:00
Inactive Date:	2017-06-30 00:00:00
Facility Name:	HONDA OF OXNARD
Facility Address:	1500 E VENTURA BLVD
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	930361880

E39 **HONDA OF OXNARD** **SWEEPS UST** **S101703459**
SSW **1500 E VENTURA BLVD** **CA FID UST** **N/A**
1/8-1/4 **OXNARD, CA 93030**
0.216 mi.
1138 ft. **Site 14 of 15 in cluster E**

Relative:
Lower

Actual:
91 ft.

SWEEPS UST:

Name:	HONDA OF OXNARD
Address:	1500 E VENTURA BLVD
City:	OXNARD
Status:	Active
Comp Number:	2436
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-30-92
Action Date:	09-30-92
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	56-000-002436-000001
Tank Status:	A
Capacity:	3000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	1

CA FID UST:

Facility ID:	56002724
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	1500 E VENTURA BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OXNARD 93030
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

E40 **CALIBER COLLISION CENTERS** **RCRA NonGen / NLR** **1024831850**
SSW **1500 E VENTURA BLVD** **CAL000369386**
1/8-1/4 **OXNARD, CA 93036**
0.216 mi.
1138 ft. **Site 15 of 15 in cluster E**

Relative: **Lower**
Actual: **91 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2011-11-29 00:00:00.0
Handler Name:	CALIBER COLLISION CENTERS
Handler Address:	1500 E VENTURA BLVD
Handler City,State,Zip:	OXNARD, CA 93036
EPA ID:	CAL000369386
Contact Name:	SHARON LAWRENCE
Contact Address:	401 E CORPORATE DR STE 150
Contact City,State,Zip:	LEWISVILLE, TX 75057
Contact Telephone:	469-948-9630
Contact Fax:	972-906-7214
Contact Email:	SHARON.LAWRENCE@CALIBERCOLLISION.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	401 E CORPORATE DR STE 150
Mailing City,State,Zip:	LEWISVILLE, TX 75057-6449
Owner Name:	CALIBER COLIISION BODYWORKS INC
Owner Type:	Other
Operator Name:	SHARON LAWRENCE
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CALIBER COLLISION CENTERS (Continued) **1024831850**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 16:59:49.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CALIBER COLIISION BODYWORKS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 E CORPORATE DR STE 150
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75057-6449
Owner/Operator Telephone:	713-444-8606
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SHARON LAWRENCE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	401 E CORPORATE DR STE 150
Owner/Operator City,State,Zip:	LEWISVILLE, TX 75057
Owner/Operator Telephone:	469-948-9630
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CALIBER COLLISION CENTERS (Continued) **1024831850**

Historic Generators:
Receive Date: 2011-11-29 00:00:00.0
Handler Name: CALIBER COLLISION CENTERS
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 811121
NAICS Description: AUTOMOTIVE BODY, PAINT, AND INTERIOR REPAIR AND MAINTENANCE

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F41 **TEAM NISSAN** **RCRA NonGen / NLR** **1024821402**
SE **1801 AUTO CENTER DR** **CAL000337075**
1/8-1/4 **OXNARD, CA 93030**
0.220 mi.
1162 ft. **Site 1 of 4 in cluster F**

Relative: **Lower**
Actual: **86 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 2008-10-09 00:00:00.0
Handler Name: TEAM NISSAN
Handler Address: 1801 AUTO CENTER DR
Handler City,State,Zip: OXNARD, CA 93030
EPA ID: CAL000337075
Contact Name: MATT CLANCY
Contact Address: 1801 AUTO CENTER DR
Contact City,State,Zip: OXNARD, CA 93030
Contact Telephone: 805-485-8787
Contact Fax: 805-485-8186
Contact Email: MCLANCY@TEAMNISSANDIRECT.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported
State District: Not reported
Mailing Address: PO BOX 5486
Mailing City,State,Zip: OXNARD, CA 93030-0000
Owner Name: TEAM NISSAN LLC

TEAM NISSAN (Continued) **1024821402**

Owner Type:	Other
Operator Name:	MATT CLANCY
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:30:44.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

TEAM NISSAN (Continued) **1024821402**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: TEAM NISSAN LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1801 AUTO CTR DR
Owner/Operator City,State,Zip: OXNARD, CA 93030-0000
Owner/Operator Telephone: 805-485-8787
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MATT CLANCY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1801 AUTO CENTER DR
Owner/Operator City,State,Zip: OXNARD, CA 93030
Owner/Operator Telephone: 805-485-8787
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2008-10-09 00:00:00.0
Handler Name: TEAM NISSAN
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F42
SE
1/8-1/4
0.220 mi.
1162 ft.

Relative:
Lower

Actual:
86 ft.

TEAM NISSAN
1801 AUTO CENTER DR
OXNARD, CA 93030

Site 2 of 4 in cluster F

CERS HAZ WASTE
CERS TANKS
HAZNET
CIWQS
CERS
HWTS

S113154228
N/A

CERS HAZ WASTE:
Name: TEAM NISSAN
Address: 1801 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93036
Site ID: 159934
CERS ID: 10201795
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: TEAM NISSAN
Address: 1801 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93036
Site ID: 159934
CERS ID: 10201795
CERS Description: Aboveground Petroleum Storage

HAZNET:
Name: TEAM NISSAN
Address: 1801 AUTO CENTER DR
Address 2: Not reported
City,State,Zip: OXNARD, CA 930300000
Contact: MATT CLANCY
Telephone: 8054858787
Mailing Name: Not reported
Mailing Address: PO BOX 5486

Year: 2019
Gepaid: CAL000337075
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.08500

Year: 2019
Gepaid: CAL000337075
TSD EPA ID: CAD097030993
CA Waste Code: 352 - Other organic solids
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.20000

Year: 2017
Gepaid: CAL000337075
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.10425

Year: 2017

TEAM NISSAN (Continued) **S113154228**

Gepaid: CAL000337075
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.068

Year: 2016
Gepaid: CAL000337075
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.051

Year: 2015
Gepaid: CAL000337075
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.034

Year: 2014
Gepaid: CAL000337075
TSD EPA ID: CAT080013352
CA Waste Code: 222 - Oil/water separation sludge
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 13.344

Year: 2012
Gepaid: CAL000337075
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.051

Year: 2012
Gepaid: CAL000337075
TSD EPA ID: CAT080013352
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.099

Year: 2011
Gepaid: CAL000337075
TSD EPA ID: CAT080013352
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.099

TEAM NISSAN (Continued) **S113154228**

Click this hyperlink while viewing on your computer to access
1 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2016
Gen EPA ID:	CAL000337075
Shipment Date:	20151002
Creation Date:	12/21/2015 22:15:08
Receipt Date:	20151007
Manifest ID:	014665520JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.034
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000337075
Shipment Date:	20120322
Creation Date:	5/30/2012 20:30:19
Receipt Date:	20120328
Manifest ID:	009220831JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO-KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G

TEAM NISSAN (Continued) **S113154228**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120130
Creation Date:	4/11/2012 20:30:23
Receipt Date:	20120208
Manifest ID:	009220581JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO-KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.051
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000337075
Shipment Date:	20170808
Creation Date:	5/29/2018 18:30:43
Receipt Date:	20170814
Manifest ID:	017735206JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D018
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.068
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported

TEAM NISSAN (Continued) **S113154228**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170413
Creation Date:	5/9/2018 18:32:31
Receipt Date:	20170418
Manifest ID:	016755330JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.10425
Waste Quantity:	25
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000337075
Shipment Date:	20140703
Creation Date:	9/8/2014 22:15:16
Receipt Date:	20140703
Manifest ID:	013088983JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	222 - Oil/water separation sludge
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	13.344
Waste Quantity:	3200
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

TEAM NISSAN (Continued) **S113154228**

Additional Info:

Year:	2011
Gen EPA ID:	CAL000337075
Shipment Date:	20110504
Creation Date:	7/14/2011 18:30:12
Receipt Date:	20110511
Manifest ID:	006441996JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.099
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000337075
Shipment Date:	20101220
Creation Date:	2/23/2011 18:30:18
Receipt Date:	20101229
Manifest ID:	006441615JJK
Trans EPA ID:	CAD983609678
Trans Name:	BLACK GOLD INDUSTRIES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO/KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.102
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

TEAM NISSAN (Continued) **S113154228**

Additional Code 5: Not reported

Additional Info:
Year: 2015
Gen EPA ID: CAL000337075

Shipment Date: 20151002
Creation Date: 12/21/2015 22:15:08
Receipt Date: 20151007
Manifest ID: 014665520JJK
Trans EPA ID: CAD028277036
Trans Name: ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352
Trans Name: DEMENNO / KERDOON
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: D018
Meth Code: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons: 0.034
Waste Quantity: 10
Quantity Unit: G
Additional Code 1: D001
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

CIWQS:
Name: TEAM NISSAN
Address: 1801 AUTO CENTER DR
City,State,Zip: OXNARD, CA 93031
Agency: Wallace Properties Inc
Agency Address: PO Box 5026, Oxnard, CA 93031
Place/Project Type: Construction - Commercial
SIC/NAICS: Not reported
Region: 4
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 99-08DW
WDID: 4 56C349930
NPDES Number: CAS000002
Adoption Date: 01/01/1900
Effective Date: 12/05/2007
Termination Date: 10/31/2008
Expiration/Review Date: 01/01/1900
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0

TEAM NISSAN (Continued) **S113154228**

Latitude: Not reported
Longitude: Not reported

CERS:
Name: TEAM NISSAN
Address: 1801 AUTO CENTER DR.
City,State,Zip: OXNARD, CA 93036
Site ID: 159934
CERS ID: 10201795
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 159934
Site Name: Team Nissan
Violation Date: 06-15-2020
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Not reported
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 159934
Site Name: Team Nissan
Violation Date: 05-15-2018
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 07/06/2018.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 159934
Site Name: Team Nissan
Violation Date: 06-25-2014
Citation: 22 CCR 15 66265.195(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(a)
Violation Description: Failure of the owner or operator to conduct inspections and maintain inspection records at the facility of the following tank equipment: 1) Overfill/spill control equipment (e.g., waste-feed cutoff systems, bypass systems, and drainage systems) to ensure that it is in good working order; 2) The aboveground portions of the tank system, if any, to detect corrosion or releases of waste; 3) Data gathered from monitoring equipment and leak-detection equipment, (e.g., pressure and temperature gauges, monitoring wells) to ensure that the tank system is being operated according to its design; 4) The construction materials and the area immediately surrounding the externally accessible portion of the tank system including secondary containment structures (e.g., dikes) to detect erosion or signs of releases of

TEAM NISSAN (Continued) **S113154228**

	hazardous waste (e.g., wet spots, dead vegetation); and 5) For uncovered tanks, the level of waste in the tank, to ensure compliance with section 66265.194(b)(3).
Violation Notes:	Returned to compliance on 07/16/2014. Hazardous waste tank inspections are not documented. Document hazardous waste tank inspections.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	159934
Site Name:	Team Nissan
Violation Date:	06-15-2020
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to include in the SPCC Plan an adequate discussion of the facility's conformance with the requirements of 40 CFR Part 112, and other effective discharge prevention and containment procedures listed in Part 112, or any applicable more stringent State rules, regulations, and guidelines.
Violation Notes:	Not reported
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	159934
Site Name:	Team Nissan
Violation Date:	05-15-2018
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description:	Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes:	Returned to compliance on 07/06/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	159934
Site Name:	Team Nissan
Violation Date:	05-15-2018
Citation:	22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Description:	Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.
Violation Notes:	Returned to compliance on 07/06/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	159934
Site Name:	Team Nissan
Violation Date:	06-25-2014

TEAM NISSAN (Continued) **S113154228**

Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to comply with all of the following requirements: 1. Failure to conduct inspections and tests in accordance with written procedures that you or a certifying engineer have developed for the facility. 2. Failure to sign written procedures and/or a record of inspections and/or customary business records by the appropriate supervisor or inspector. 3. Failure to keep written procedures and/or a record of inspections and/or customary business records with the plan. AND 4. Failure to maintain written procedures and/or a record of inspections and/or customary business records for three years.
Violation Notes:	Returned to compliance on 07/17/2014. Maintenance records to aboveground storage tanks are not available. Ensure overfill alarms are tested annually by qualified professional and maintain these documents as well as all maintenance records available. This includes corrosion protection.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	159934
Site Name:	Team Nissan
Violation Date:	05-15-2018
Citation:	22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description:	Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes:	Returned to compliance on 07/06/2018.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	159934
Site Name:	Team Nissan
Violation Date:	06-25-2014
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to obtain facility management approval to fully implement the SPCC Plan.
Violation Notes:	Returned to compliance on 07/16/2014. SPCC Plan onsite does not have Management Approval. Once reviewed, provide Management Approval.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	159934
Site Name:	Team Nissan
Violation Date:	06-25-2014
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to perform a five-year review of the SPCC plan.
Violation Notes:	Returned to compliance on 07/16/2014. SPCC Plan onsite was printed from CERS. This copy is from 2008. Provide 5 year review of Plan and document.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA

TEAM NISSAN (Continued) **S113154228**

Violation Source: CERS

Site ID: 159934
Site Name: Team Nissan
Violation Date: 05-15-2018
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to comply with one or more of the following requirements: 1. Have record of inspections and integrity tests signed by the appropriate supervisor or inspector. 2. Keep written procedures and records of inspections and integrity tests for at least three years. 3. Keep comparison records.
Violation Notes: Returned to compliance on 07/06/2018.
Violation Division: Oxnard City CUPA
Violation Program: APSA
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-15-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-15-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-15-2020
Violations Found: Yes

TEAM NISSAN (Continued) **S113154228**

Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-15-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-25-2014
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-25-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	APSA
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	06-25-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	159934
Site Name:	Team Nissan
Site Address:	1801 AUTO CENTER DR.
Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	07-23-2020
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Oxnard City CUPA
Enf Action Program:	APSA
Enf Action Source:	CERS
Site ID:	159934

TEAM NISSAN (Continued) **S113154228**

Site Name: Team Nissan
Site Address: 1801 AUTO CENTER DR.
Site City: OXNARD
Site Zip: 93036
Enf Action Date: 07-23-2020
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Oxnard City CUPA
Enf Action Program: HW
Enf Action Source: CERS

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: KPA LLC
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Team Nissan, LLC
Entity Title: Not reported
Affiliation Address: PO Box 5486
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93036
Affiliation Phone: (805) 485-8787

Affiliation Type Desc: Identification Signer
Entity Name: Matt Clancy
Entity Title: Service Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Operator
Entity Name: John Leal
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (805) 485-8787

Affiliation Type Desc: CUPA District
Entity Name: Oxnard Fire Department
Entity Title: Not reported
Affiliation Address: 360 West Second Street

TEAM NISSAN (Continued) **S113154228**

Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO Box 5486
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Team Nissan
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Matt Clancy
Entity Title:	Not reported
Affiliation Address:	PO Box 5486
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Steve Wallace
Entity Title:	Not reported
Affiliation Address:	PO Box 5486
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93031-5486
Affiliation Phone:	(805) 485-8787

HWTS:

Name:	TEAM NISSAN
Address:	1801 AUTO CENTER DR
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 93030
EPA ID:	CAL000337075
Inactive Date:	Not reported
Create Date:	10/09/2008
Last Act Date:	07/13/2020
Mailing Name:	Not reported

TEAM NISSAN (Continued) **S113154228**

Mailing Address:	1801 AUTO CENTER DRIVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930300000
Owner Name:	TEAM NISSAN LLC
Owner Address:	1801 AUTO CTR DR
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930300000
Contact Name:	MATT CLANCY
Contact Address:	1801 AUTO CENTER DR
Contact Address 2:	PO BOX 5486
City,State,Zip:	OXNARD, CA 93030

NAICS:

EPA ID:	CAL000337075
Create Date:	2008-10-09 13:41:13.180
NAICS Code:	44111
NAICS Description:	New Car Dealers
Issued EPA ID Date:	2008-10-09 13:41:13.14700
Inactive Date:	Not reported
Facility Name:	TEAM NISSAN
Facility Address:	1801 AUTO CENTER DR
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	93030

F43 **GOLD COAST TRANSIT DISTRICT** **RCRA NonGen / NLR** **1025874398**
SE **1901 AUTO CENTER DR** **CAL000447529**
1/8-1/4 **OXNARD, CA 93036**
0.222 mi.
1171 ft. **Site 3 of 4 in cluster F**

Relative: **Lower**
Actual: **86 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-07-18 00:00:00.0
Handler Name:	GOLD COAST TRANSIT DISTRICT
Handler Address:	1901 AUTO CENTER DR
Handler City,State,Zip:	OXNARD, CA 93036
EPA ID:	CAL000447529
Contact Name:	REED CALDWELL
Contact Address:	1901 AUTO CENTER DR
Contact City,State,Zip:	OXNARD, CA 93036
Contact Telephone:	805-483-3959
Contact Fax:	805-487-3532
Contact Email:	RCALDWELL@GCTD.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1901 AUTO CENTER DR
Mailing City,State,Zip:	OXNARD, CA 93036

GOLD COAST TRANSIT DISTRICT (Continued) **1025874398**

Owner Name:	GOLD COAST TRANSIT DISTRICT
Owner Type:	Other
Operator Name:	REED CALDWELL
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-07-29 17:14:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

GOLD COAST TRANSIT DISTRICT (Continued) **1025874398**

Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: GOLD COAST TRANSIT DISTRICT
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1901 AUTO CENTER DR
Owner/Operator City,State,Zip: OXNARD, CA 93036
Owner/Operator Telephone: 805-483-3959
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: REED CALDWELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1901 AUTO CENTER DR
Owner/Operator City,State,Zip: OXNARD, CA 93036
Owner/Operator Telephone: 805-483-3959
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2019-07-18 00:00:00.0
Handler Name: GOLD COAST TRANSIT DISTRICT
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F44 **GOLD COAST TRANSIT DISTRICT** **CERS HAZ WASTE** **S124442111**
SE **1901 AUTO CENTER DR** **CERS TANKS** **N/A**
1/8-1/4 **OXNARD, CA 93036** **CERS**
0.222 mi.
1171 ft. **Site 4 of 4 in cluster F**

Relative:
Lower

Actual:
86 ft.

CERS HAZ WASTE:
Name: GOLD COAST TRANSIT DISTRICT
Address: 1901 AUTO CENTER DR
City,State,Zip: OXNARD, CA 93036
Site ID: 550166
CERS ID: 10810657
CERS Description: Hazardous Waste Generator

CERS TANKS:
Name: GOLD COAST TRANSIT DISTRICT
Address: 1901 AUTO CENTER DR
City,State,Zip: OXNARD, CA 93036
Site ID: 550166
CERS ID: 10810657
CERS Description: Aboveground Petroleum Storage

CERS:
Name: GOLD COAST TRANSIT DISTRICT
Address: 1901 AUTO CENTER DR
City,State,Zip: OXNARD, CA 93036
Site ID: 550166
CERS ID: 10810657
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 550166
Site Name: Gold Coast Transit District
Violation Date: 08-19-2019
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes: Returned to compliance on 10/03/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Site ID: 550166
Site Name: Gold Coast Transit District
Violation Date: 08-19-2019
Citation: 22 CCR 15 66265.174 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.174
Violation Description: Failure to inspect weekly, areas where hazardous waste containers are stored or transferred. The owner or operator shall look for leaking containers and for deterioration of containers and the containment system caused by corrosion or other factors.
Violation Notes: Returned to compliance on 10/03/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

GOLD COAST TRANSIT DISTRICT (Continued) **S124442111**

Site ID:	550166
Site Name:	Gold Coast Transit District
Violation Date:	07-07-2020
Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.
Violation Notes:	Returned to compliance on 07/07/2020.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS

Site ID:	550166
Site Name:	Gold Coast Transit District
Violation Date:	08-19-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes:	Returned to compliance on 10/03/2019. These trainings are site specific. Provide annual training and documents. Hazardous Materials/Waste training has been conducted @ previous location but not available at this location per Beck.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS

Site ID:	550166
Site Name:	Gold Coast Transit District
Violation Date:	08-19-2019
Citation:	22 CCR 15 66265.192(a) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(a)
Violation Description:	Failure to obtain and maintain a written assessment reviewed and certified by an independent, qualified, professional engineer prior to placing the tank system in service. The written assessment shall state that, the new hazardous waste tank system has sufficient structural integrity, is acceptable for the transferring, storing and treating of hazardous waste, and that the tanks and containment system including the foundation, structural support, seams, connections, and pressure controls (if applicable) are suitably designed to meet the regulation.
Violation Notes:	Returned to compliance on 08/27/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS

Site ID:	550166
Site Name:	Gold Coast Transit District
Violation Date:	08-19-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

GOLD COAST TRANSIT DISTRICT (Continued) **S124442111**

Violation Description:	Failure to maintain a complete copy of the SPCC Plan at the facility if the facility is normally attended at least four hours per day, or at the nearest field office if the facility is not so attended.
Violation Notes:	Returned to compliance on 10/03/2019.
Violation Division:	Oxnard City CUPA
Violation Program:	APSA
Violation Source:	CERS
Site ID:	550166
Site Name:	Gold Coast Transit District
Violation Date:	08-19-2019
Citation:	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Description:	Failure to electronically update business plan within 30 days of any one of the following events: A 100 percent or more increase in the quantity of a previously disclosed material. Any handling of a previously undisclosed hazardous materials at or above reportable quantities. A change of business address, business ownership, or business name. A substantial change in the handler's operations that requires modification to any portion of the business plan.
Violation Notes:	Returned to compliance on 09/18/2019. Based on most recent submittal the following needs to be addressed: Add waste paper filters @ maintenance shop, Breakthrough for steam cleaner @ carwash. Increase Oxygen Maximum Daily Amount to at least 251 cubic feet.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	550166
Site Name:	Gold Coast Transit District
Violation Date:	08-19-2019
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 10/03/2019. These trainings are site specific. Provide annual training and documents. Hazardous Materials/Waste training has been conducted @ previous location but not available at this location per Beck.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	550166
Site Name:	Gold Coast Transit District
Violation Date:	09-24-2020
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description:	Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
Violation Notes:	Not reported
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS

GOLD COAST TRANSIT DISTRICT (Continued) **S124442111**

Site ID: 550166
Site Name: Gold Coast Transit District
Violation Date: 08-19-2019
Citation: 22 CCR 15 66265.195(c) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.195(c)
Violation Description: Failure to conduct and document inspections of hazardous waste tank systems each operating day and retain records of those inspections at the facility.
Violation Notes: Returned to compliance on 10/03/2019.
Violation Division: Oxnard City CUPA
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-07-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: APSA
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oxnard City CUPA
Eval Program: HW

GOLD COAST TRANSIT DISTRICT (Continued) **S124442111**

Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 09-24-2020
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: NOV
Eval Division: Oxnard City CUPA
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 550166
Site Name: Gold Coast Transit District
Site Address: 1901 AUTO CENTER DR
Site City: OXNARD
Site Zip: 93036
Enf Action Date: 09-29-2020
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Oxnard City CUPA
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 550166
Facility Name: Gold Coast Transit District
Env Int Type Code: APSA
Program ID: 10810657
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 34.228160
Longitude: -119.150340

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Oxnard Fire Department
Entity Title: Not reported
Affiliation Address: 360 West Second Street
Affiliation City: Oxnard
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93030
Affiliation Phone: (805) 385-7722

Affiliation Type Desc: Environmental Contact
Entity Name: Juan De La Rosa
Entity Title: Not reported
Affiliation Address: 1901 Auto Center Drive
Affiliation City: OXNARD
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93030
Affiliation Phone: Not reported

GOLD COAST TRANSIT DISTRICT (Continued) **S124442111**

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1901 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Juan De La Rosa
Entity Title:	Maintenance Administration Supervisor
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Parent Corporation
Entity Name:	Gold Coast Transit
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	STEVE BROWN
Entity Title:	Not reported
Affiliation Address:	1901 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 483-3959

Affiliation Type Desc:	Document Preparer
Entity Name:	Juan De La Rosa
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Operator
Entity Name:	Gold Coast Transit District
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

GOLD COAST TRANSIT DISTRICT (Continued) **S124442111**

Affiliation Zip:	Not reported
Affiliation Phone:	(805) 483-3959
Affiliation Type Desc:	Property Owner
Entity Name:	Steve Brown
Entity Title:	Not reported
Affiliation Address:	1901 Auto Center Drive
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(805) 483-3959

G45 **TODEY LINCOLN MERCURY** **AST** **A100337011**
South **1601 N VENTURA BLVD.** **N/A**
1/8-1/4 **OXNARD, CA**
0.249 mi.
1314 ft. **Site 1 of 6 in cluster G**

Relative: AST:
Lower

Actual:
88 ft.

Name:	TODEY LINCOLN MERCURY
Address:	1601 N VENTURA BLVD.
City/Zip:	OXNARD,
Certified Unified Program Agencies:	Oxnard
Owner:	Not reported
Total Gallons:	1,500
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

G46 **PURSER MOTORS LLC DBA OXNARD MAZDA** **RCRA NonGen / NLR** **1025877987**
South **1601 VENTURA BLVD** **CAL000451126**
1/8-1/4 **OXNARD, CA 93036**
0.249 mi.
1314 ft. **Site 2 of 6 in cluster G**

Relative: **Lower**

Actual: **88 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	2019-12-05 00:00:00.0
Handler Name:	PURSER MOTORS LLC DBA OXNARD MAZDA
Handler Address:	1601 VENTURA BLVD
Handler City,State,Zip:	OXNARD, CA 93036
EPA ID:	CAL000451126
Contact Name:	SARAH PURSER
Contact Address:	1601 VENTURA BLVD
Contact City,State,Zip:	OXNARD, CA 93036
Contact Telephone:	940-390-1118
Contact Fax:	Not reported
Contact Email:	SARAH@OXNARDMAZDA.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1601 VENTURA BLVD
Mailing City,State,Zip:	OXNARD, CA 93036
Owner Name:	PURSER MOTORS LLC
Owner Type:	Other
Operator Name:	SARAH PURSER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

PURSER MOTORS LLC DBA OXNARD MAZDA (Continued) **1025877987**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-12-06 16:31:32.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PURSER MOTORS LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1601 VENTURA BLVD
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	940-390-1118
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SARAH PURSER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1601 VENTURA BLVD
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	940-390-1118
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PURSER MOTORS LLC DBA OXNARD MAZDA (Continued) **1025877987**

Historic Generators:
- Receive Date: 2019-12-05 00:00:00.0
- Handler Name: PURSER MOTORS LLC DBA OXNARD MAZDA
- Federal Waste Generator Description: Not a generator, verified
- State District Owner: Not reported
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 441110
- NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

G47 **R AND A ALEXANDER INVESTMENTS LLC DBA OXNARD HYUND** **RCRA NonGen / NLR** **1024848759**
South **1601 E VENTURA BLVD** **CAL000404652**
1/8-1/4 **OXNARD, CA 93036**
0.249 mi.
1314 ft. **Site 3 of 6 in cluster G**

Relative: **Lower**
Actual: **88 ft.**

RCRA NonGen / NLR:
- Date Form Received by Agency: 2015-02-20 00:00:00.0
- Handler Name: R AND A ALEXANDER INVESTMENTS LLC DBA OXNARD HYUNDAI
- Handler Address: 1601 E VENTURA BLVD
- Handler City,State,Zip: OXNARD, CA 93036-1839
- EPA ID: CAL000404652
- Contact Name: KATIE KEMP
- Contact Address: 1501 E VENTURA BLVD
- Contact City,State,Zip: OXNARD, CA 93036
- Contact Telephone: 805-988-2200
- Contact Fax: 866-725-4802
- Contact Email: KKEMP@ALEXANDERBGC.COM
- Contact Title: Not reported
- EPA Region: 09
- Land Type: Not reported
- Federal Waste Generator Description: Not a generator, verified
- Non-Notifier: Not reported
- Biennial Report Cycle: Not reported
- Accessibility: Not reported
- Active Site Indicator: Handler Activities
- State District Owner: Not reported
- State District: Not reported
- Mailing Address: 1501 E VENTURA BLVD
- Mailing City,State,Zip: OXNARD, CA 93036
- Owner Name: R AND A ALEXANDER INVESTMENTS LLC

R AND A ALEXANDER INVESTMENTS LLC DBA OXNARD HYUNDAI (Continued) **1024848759**

Owner Type:	Other
Operator Name:	KATIE KEMP
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-06 17:05:47.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

R AND A ALEXANDER INVESTMENTS LLC DBA OXNARD HYUNDAI (Continued) **1024848759**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	R AND A ALEXANDER INVESTMENTS LLC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1501 E VENTURA BLVD
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-988-2200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KATIE KEMP
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1501 E VENTURA BLVD
Owner/Operator City,State,Zip:	OXNARD, CA 93036
Owner/Operator Telephone:	805-988-2200
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2015-02-20 00:00:00.0
Handler Name:	R AND A ALEXANDER INVESTMENTS LLC DBA OXNARD HYUNDAI
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44111
NAICS Description:	NEW CAR DEALERS

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

G48 **TODEY LINCOLN MERCURY** **LUST** **S101631238**
South **1601 VENTURA BLVD** **SWEEPS UST** **N/A**
1/8-1/4 **OXNARD, CA 93030** **CA FID UST**
0.249 mi. **Cortese**
1314 ft. **Site 4 of 6 in cluster G** **ENF**
CERS

Relative:
Lower

Actual:
88 ft.

LUST:

Name:	TODEY LINCOLN MERCURY
Address:	1601 VENTURA BLVD
City,State,Zip:	OXNARD, CA 93030
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611188384
Global Id:	T0611188384
Latitude:	34.226204
Longitude:	-119.155454
Status:	Completed - Case Closed
Status Date:	11/18/2004
Case Worker:	DBW
RB Case Number:	C04007
Local Agency:	VENTURA COUNTY
File Location:	Local Agency
Local Case Number:	04007
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0611188384
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

Global Id:	T0611188384
Contact Type:	Local Agency Caseworker
Contact Name:	DIANE B. WAHL
Organization Name:	VENTURA COUNTY
Address:	800 S. VICTORIA AVE.
City:	VENTURA
Email:	diane.wahl@ventura.org
Phone Number:	8056545040

LUST:

Global Id:	T0611188384
Action Type:	RESPONSE
Date:	04/20/2011
Action:	Site Assessment Report

Global Id:	T0611188384
Action Type:	RESPONSE
Date:	10/15/2004
Action:	Other Report / Document

Global Id: T0611188384

TODEY LINCOLN MERCURY (Continued) **S101631238**

Action Type: ENFORCEMENT
Date: 06/21/2004
Action: * Historical Enforcement

Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 04/19/2004
Action: * Historical Enforcement

Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 11/22/2004
Action: Closure/No Further Action Letter

Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 01/01/2016
Action: File review

Global Id: T0611188384
Action Type: RESPONSE
Date: 07/09/2004
Action: Preliminary Site Assessment Report

Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 05/05/2011
Action: Staff Letter

Global Id: T0611188384
Action Type: Other
Date: 02/05/2004
Action: Leak Discovery

Global Id: T0611188384
Action Type: Other
Date: 02/16/2004
Action: Leak Stopped

Global Id: T0611188384
Action Type: ENFORCEMENT
Date: 08/30/2004
Action: Notice to Comply

Global Id: T0611188384
Action Type: Other
Date: 02/16/2004
Action: Leak Reported

Global Id: T0611188384
Action Type: RESPONSE
Date: 07/09/2004
Action: Other Report / Document

Global Id: T0611188384
Action Type: RESPONSE
Date: 01/07/2011

TODEY LINCOLN MERCURY (Continued) **S101631238**

Action: Soil and Water Investigation Report

LUST:
Global Id: T0611188384
Status: Open - Case Begin Date
Status Date: 02/05/2004

Global Id: T0611188384
Status: Open - Site Assessment
Status Date: 02/16/2004

Global Id: T0611188384
Status: Open - Site Assessment
Status Date: 03/30/2004

Global Id: T0611188384
Status: Open - Site Assessment
Status Date: 05/17/2004

Global Id: T0611188384
Status: Completed - Case Closed
Status Date: 11/18/2004

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C04007
Status: Preliminary site assessment underway
Substance: Diesel
Substance Quantity: Not reported
Local Case No: 04007
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0611188384
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: AUTO CENTER DR
Enforcement Type: LFOR
Date Leak Discovered: 2/5/2004
Date Leak First Reported: 2/16/2004
Date Leak Record Entered: Not reported
Date Confirmation Began: 2/16/2004
Date Leak Stopped: 2/16/2004
Date Case Last Changed on Database: Not reported
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure
How Leak Stopped: Close Tank
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): Not reported

TODEY LINCOLN MERCURY (Continued) **S101631238**

Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 3/30/2004
Preliminary Site Assessment Began: 6/7/2004
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: KEVIN TODEY
RP Address: 1601 VENTURA BLVD
Program: LUST
Lat/Long: 0 / 0
Local Agency Staff: DBW
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

VENTURA CO. LUST:
Name: TODEY LINCOLN MERCURY
Address: 1601 VENTURA BLVD
City: OXNARD
Region: VENTURA
Facility ID: 04007
Status: Case Closed

SWEEPS UST:
Name: WEBER MOTOR CO
Address: 1601 VENTURA BLVD
City: OXNARD
Status: Active
Comp Number: 2435
Number: 9
Board Of Equalization: Not reported
Referral Date: 09-30-92
Action Date: 09-30-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 56-000-002435-000001
Tank Status: A
Capacity: 3000
Active Date: Not reported
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 1

TODEY LINCOLN MERCURY (Continued) **S101631238**

CA FID UST:

Facility ID:	56003532
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	1601 VENTURA BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OXNARD 93030
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

CORTESE:

Name:	TODEY LINCOLN MERCURY
Address:	1601 VENTURA BLVD
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611188384
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

ENF:

Name:	TODEY LINCOLN MERCURY
Address:	1601 VENTURA
City,State,Zip:	OXNARD, CA 93030
Region:	4
Facility Id:	267598
Agency Name:	Todey Lincoln Mercury
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business

TODEY LINCOLN MERCURY (Continued) **S101631238**

# Of Agencies:	1
Place Latitude:	34.216692
Place Longitude:	-119.194715
SIC Code 1:	Not reported
SIC Desc 1:	Not reported
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	Not reported
Threat To Water Quality:	Not reported
Complexity:	Not reported
Pretreatment:	Not reported
Facility Waste Type:	Not reported
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	AGT
Program Category1:	TANKS
Program Category2:	TANKS
# Of Programs:	1
WDID:	4CUPA000224
Reg Measure Id:	169434
Reg Measure Type:	Unregulated
Region:	4
Order #:	Not reported
Npdes# CA#:	Not reported
Major-Minor:	Not reported
Npdes Type:	Not reported
Reclamation:	Not reported
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Never Active
Status Date:	02/20/2013
Effective Date:	Not reported
Expiration/Review Date:	Not reported
Termination Date:	Not reported
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	241297

TODEY LINCOLN MERCURY (Continued) **S101631238**

Region:	4
Order / Resolution Number:	SEL
Enforcement Action Type:	Staff Enforcement Letter
Effective Date:	02/05/2002
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	02/05/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 4CUPA000224
Description:	Notice of Noncompliance sent 2/5/02 for no SPCCC onsite.
Program:	AGT
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CERS:

Name:	LINCOLN MERCURY OF OXNARD
Address:	1601 VENTURA BOULEVARD
City,State,Zip:	OXNARD, CA 93036-1839
Site ID:	477583
CERS ID:	110013917039
CERS Description:	US EPA Air Emission Inventory System (EIS)

Name:	TODEY LINCOLN MERCURY
Address:	1601 VENTURA BLVD
City,State,Zip:	OXNARD, CA 93030
Site ID:	209544
CERS ID:	T0611188384
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	DIANE B. WAHL - VENTURA COUNTY
Entity Title:	Not reported
Affiliation Address:	800 S. VICTORIA AVE.
Affiliation City:	VENTURA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

TODEY LINCOLN MERCURY (Continued) **S101631238**

Affiliation Phone: 8056545040

G49 **JACK WEBER LINCOLN MERCURY** **CERS HAZ WASTE** **S113036341**
South **1601 VENTURA BLVD** **HAZNET** **N/A**
1/8-1/4 **OXNARD, CA 93030** **CERS**
0.249 mi. **HWTS**
1314 ft. **Site 5 of 6 in cluster G**

Relative: **Lower**

Actual: **88 ft.**

CERS HAZ WASTE:
Name: OXNARD MAZDA
Address: 1601 VENTURA BLVD
City,State,Zip: OXNARD, CA 93036
Site ID: 562471
CERS ID: 10831066
CERS Description: Hazardous Waste Generator

HAZNET:
Name: JACK WEBER LINCOLN MERCURY
Address: 1601 VENTURA BLVD
Address 2: Not reported
City,State,Zip: OXNARD, CA 930300000
Contact: MARGE KNIGHT
Telephone: --
Mailing Name: Not reported
Mailing Address: 1601 E VENTURA BLVD

Year: 1999
Gepaid: CAL000037154
TSD EPA ID: CAD028409019
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: T01 - Treatment, Tank
Tons: 4.4619

Year: 1997
Gepaid: CAL000037154
TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: R01 - Recycler
Tons: 1.122

Year: 1997
Gepaid: CAL000037154
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.1668

Year: 1996
Gepaid: CAL000037154
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 0.3753

Year: 1996
Gepaid: CAL000037154

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

TSD EPA ID: CAT080013352
CA Waste Code: 343 - Unspecified organic liquid mixture
Disposal Method: R01 - Recycler
Tons: 1.394

Year: 1995
Gepaid: CAL000037154
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 4.5452

Year: 1995
Gepaid: CAL000037154
TSD EPA ID: CAD093459485
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H01 - Transfer Station
Tons: 0.0432

Year: 1994
Gepaid: CAL000037154
TSD EPA ID: CAD980883177
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 4.2951

Year: 1993
Gepaid: CAL000037154
TSD EPA ID: CAD980883177
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: R01 - Recycler
Tons: 4.2117

Year: 1993
Gepaid: CAL000037154
TSD EPA ID: CAD980883177
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: -
Tons: 0.0625

Click this hyperlink while viewing on your computer to access
2 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:
Year: 1995
Gen EPA ID: CAL000037154

Shipment Date: 19951110
Creation Date: 7/26/1996 0:00:00
Receipt Date: 19951114
Manifest ID: 95708603
Trans EPA ID: CAD983609678
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAT080013352

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19951017
Creation Date:	7/26/1996 0:00:00
Receipt Date:	19951019
Manifest ID:	95418342
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19950725
Creation Date:	4/3/1996 0:00:00
Receipt Date:	19950728
Manifest ID:	95418073
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
Quantity Unit:	G

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950510
Creation Date:	10/24/1995 0:00:00
Receipt Date:	19950516
Manifest ID:	93769180
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	ILD984908202
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD093459485
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D039
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0144
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950214
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950221
Manifest ID:	92843933
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.0208
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950127
Creation Date:	3/29/1996 0:00:00
Receipt Date:	19950201

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Manifest ID:	92843816
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	4.3576
Waste Quantity:	1045
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1999
Gen EPA ID:	CAL000037154
Shipment Date:	19991112
Creation Date:	1/11/2000 0:00:00
Receipt Date:	19991115
Manifest ID:	99562759
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	4.4619
Waste Quantity:	1070
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1994
Gen EPA ID:	CAL000037154
Shipment Date:	19940414
Creation Date:	3/25/1996 0:00:00
Receipt Date:	19940418

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Manifest ID:	93387857
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980883177
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980883177
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	4.2951
Waste Quantity:	1030
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAL000037154
Shipment Date:	19961212
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961218
Manifest ID:	96645653
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.187
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19961211
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19961212
Manifest ID:	96425132
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.3753
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19961014
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961018
Manifest ID:	96421713
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.255
Waste Quantity:	75
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	19960821
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960823
Manifest ID:	96149066
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.34
Waste Quantity:	100

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960731
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960802
Manifest ID:	96148795
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.306
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960627
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19960702
Manifest ID:	96149062
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.306
Waste Quantity:	90
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1993

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Gen EPA ID:	CAL000037154
Shipment Date:	19930623
Creation Date:	9/8/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	92708440
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980883177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	- Not reported
Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930618
Creation Date:	9/9/1995 0:00:00
Receipt Date:	19930629
Manifest ID:	93171224
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD089446710
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD089446710
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	R01 - Recycler
Quantity Tons:	0.198
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19930611
Creation Date:	9/8/1995 0:00:00
Receipt Date:	19930622
Manifest ID:	92708384
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980883177
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD980883177
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	D018
Meth Code:	R01 - Recycler
Quantity Tons:	4.2117
Waste Quantity:	1010
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1997
Gen EPA ID:	CAL000037154
Shipment Date:	19971107
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19971113
Manifest ID:	96695122
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.17
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970912
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970917
Manifest ID:	96694803
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.408
Waste Quantity:	120
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970805
Creation Date:	7/23/1998 0:00:00
Receipt Date:	19970807
Manifest ID:	96713451
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970320
Creation Date:	6/26/1997 0:00:00
Receipt Date:	19970325
Manifest ID:	96874891
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.17
Waste Quantity:	50
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19970122
Creation Date:	5/30/1997 0:00:00
Receipt Date:	19970129
Manifest ID:	96645780
Trans EPA ID:	CAD983609678
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.374
Waste Quantity:	110
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	OXNARD MAZDA
Address:	1601 VENTURA BLVD
City,State,Zip:	OXNARD, CA 93036
Site ID:	562471
CERS ID:	10831066
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	562471
Site Name:	Oxnard Mazda
Violation Date:	01-14-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Obtain a Permit by providing required information to the State database California Environmental Reporting System (CERS) on the three required sections (Facility Information, Hazardous Materials Inventory, Emergency Response & Training Plans) and pay full invoice by due date for 2019/2020 Permit Year.
Violation Division:	Oxnard City CUPA
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	562471
Site Name:	Oxnard Mazda
Violation Date:	01-14-2020
Citation:	Un-Specified

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Violation Description:	Hazardous Waste Generator Program - Abandonment/Illegal Disposal/Unauthorized Treatment - General Local Ordinance
Violation Notes:	Obtain a Permit by providing required information to the State database California Environmental Reporting System (CERS) on the three required sections (Facility Information, Hazardous Materials Inventory, Emergency Response & Training Plans) and pay full invoice by due date for 2019/2020 Permit Year.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS
Site ID:	562471
Site Name:	Oxnard Mazda
Violation Date:	01-14-2020
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Observed portable container of used antifreeze missing generator information, accumulation date, and "Hazardous Waste". Observed container of drained (not crushed nor punctured) oil filters with label no longer legible. Attach visible labels with required information to hazardous waste containers. See #2 on back of page 1.
Violation Division:	Oxnard City CUPA
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-14-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-14-2020
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oxnard City CUPA
Eval Program:	HW
Eval Source:	CERS

Enforcement Action:

Site ID:	562471
Site Name:	Oxnard Mazda
Site Address:	1601 VENTURA BLVD
Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	03-11-2020

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Oxnard City CUPA
Enf Action Program:	HMRRP
Enf Action Source:	CERS
Site ID:	562471
Site Name:	Oxnard Mazda
Site Address:	1601 VENTURA BLVD
Site City:	OXNARD
Site Zip:	93036
Enf Action Date:	03-11-2020
Enf Action Type:	Notice of Violation (Unified Program)
Enf Action Description:	Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:	Not reported
Enf Action Division:	Oxnard City CUPA
Enf Action Program:	HW
Enf Action Source:	CERS

Coordinates:

Site ID:	562471
Facility Name:	Oxnard Mazda
Env Int Type Code:	HMBP
Program ID:	10831066
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	34.226530
Longitude:	-119.154860

Affiliation:

Affiliation Type Desc:	CUPA District
Entity Name:	Oxnard Fire Department
Entity Title:	Not reported
Affiliation Address:	360 West Second Street
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93030
Affiliation Phone:	(805) 385-7722
Affiliation Type Desc:	Document Preparer
Entity Name:	Sarah Purser
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Sarah Purser
Entity Title:	Not reported
Affiliation Address:	1601 Ventura Blvd
Affiliation City:	Oxnard

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93036
Affiliation Phone:	(940) 390-1118
Affiliation Type Desc:	Identification Signer
Entity Name:	Sarah Purser
Entity Title:	General Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Parent Corporation
Entity Name:	Oxnard Mazda
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	Daigle International Investments, Inc.
Entity Title:	Not reported
Affiliation Address:	585 Clemenceau
Affiliation City:	Quebec
Affiliation State:	QC
Affiliation Country:	Canada
Affiliation Zip:	G1C7B6
Affiliation Phone:	(418) 563-1899
Affiliation Type Desc:	Environmental Contact
Entity Name:	Sarah Purser
Entity Title:	Not reported
Affiliation Address:	1601 Ventura Blvd
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	1601 Ventura Blvd
Affiliation City:	Oxnard
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93036
Affiliation Phone:	Not reported
Affiliation Type Desc:	Operator
Entity Name:	Purser Motors, LLC

JACK WEBER LINCOLN MERCURY (Continued) **S113036341**

Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(940) 390-1118

HWTS:

Name:	JACK WEBER LINCOLN MERCURY
Address:	1601 VENTURA BLVD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930300000
EPA ID:	CAL000037154
Inactive Date:	06/30/1998
Create Date:	08/01/1990
Last Act Date:	08/18/1999
Mailing Name:	Not reported
Mailing Address:	1601 E VENTURA BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930301839
Owner Name:	MR JACK WEBER
Owner Address:	1601 VENTURA BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930300000
Contact Name:	MARGE KNIGHT
Contact Address:	INACTIVE PER VQ98 - BMI
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

G50 **TODEY LINCOLN MERCURY MAZDA** **RCRA-LQG** **1010313950**
South **1601 E VENTURA BLVD** **HAZNET** **CAR000180083**
1/8-1/4 **OXNARD, CA 93036** **HWTS**
0.249 mi.
1314 ft. **Site 6 of 6 in cluster G**

Relative:
Lower

Actual:
88 ft.

RCRA-LQG:

Date Form Received by Agency:	2006-12-05 00:00:00.0
Handler Name:	TODEY LINCOLN MERCURY MAZDA
Handler Address:	1601 E VENTURA BLVD
Handler City,State,Zip:	OXNARD, CA 93036
EPA ID:	CAR000180083
Contact Name:	GREGORY V THOMA
Contact Address:	1601 E VENTURA BLVD
Contact City,State,Zip:	OXNARD, CA 93036
Contact Telephone:	805-983-3355 212
Contact Fax:	Not reported
Contact Email:	GTHOMA@TODEY.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities

TODEY LINCOLN MERCURY MAZDA (Continued) **1010313950**

State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1601 E VENTURA BLVD
Mailing City,State,Zip:	OXNARD, CA 93036
Owner Name:	KEVIN TODEY
Owner Type:	Private
Operator Name:	KEVIN TODEY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2007-01-30 18:16:49.0
Recognized Trader-Importer:	No

TODEY LINCOLN MERCURY MAZDA (Continued) **1010313950**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	KEVIN TODEY
Legal Status:	Private
Date Became Current:	2000-10-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEVIN TODEY
Legal Status:	Private
Date Became Current:	2000-10-21 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2006-12-05 00:00:00.0
Handler Name:	TODEY LINCOLN MERCURY MAZDA
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

TODEY LINCOLN MERCURY MAZDA (Continued) **1010313950**

NAICS Code: 44111
NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

HAZNET:
Name: TODEY LINCOLN MERCURY MAZDA
Address: 1601 E VENTURA BLVD
Address 2: Not reported
City,State,Zip: OXNARD, CA 930360000
Contact: GREGORY V THOMA EXT 212
Telephone: 8059833355
Mailing Name: Not reported
Mailing Address: PO BOX 5046

Year: 2008
Gepaid: CAR000180083
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0714

Year: 2008
Gepaid: CAR000180083
TSD EPA ID: CAT080013352
CA Waste Code: 223 - Unspecified oil-containing waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.5838

Year: 2007
Gepaid: CAR000180083
TSD EPA ID: CAT000613893
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0168

Additional Info:
Year: 2007
Gen EPA ID: CAR000180083

Shipment Date: 20071017
Creation Date: 6/4/2008 18:30:16
Receipt Date: 20071023
Manifest ID: 000798211SKS

TODEY LINCOLN MERCURY MAZDA (Continued) **1010313950**

Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2008
Gen EPA ID:	CAR000180083
Shipment Date:	20081224
Creation Date:	4/28/2009 18:30:08
Receipt Date:	20090102
Manifest ID:	001535453SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080825
Creation Date:	1/7/2009 18:30:08
Receipt Date:	20080829
Manifest ID:	001080142SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported

TODEY LINCOLN MERCURY MAZDA (Continued) **1010313950**

Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080604
Creation Date:	10/30/2008 18:30:46
Receipt Date:	20080606
Manifest ID:	001146427SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20080227
Creation Date:	4/22/2008 18:30:50
Receipt Date:	20080305
Manifest ID:	003556725JJK
Trans EPA ID:	CAD028277036
Trans Name:	ASBURY ENVIRONMENTAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO / KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported

TODEY LINCOLN MERCURY MAZDA (Continued) **1010313950**

Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.5838
Waste Quantity:	140
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080212
Creation Date:	7/22/2008 18:30:30
Receipt Date:	20080215
Manifest ID:	000746458SKS
Trans EPA ID:	TXR000050930
Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0168
Waste Quantity:	4
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	TODEY LINCOLN MERCURY MAZDA
Address:	1601 E VENTURA BLVD
Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930360000
EPA ID:	CAR000180083
Inactive Date:	06/30/2011
Create Date:	03/27/2007
Last Act Date:	03/13/2012
Mailing Name:	Not reported
Mailing Address:	PO BOX 5046
Mailing Address 2:	Not reported
Mailing City,State,Zip:	OXNARD, CA 930315046
Owner Name:	TODEY MAZDA
Owner Address:	1601 E VENTURA BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	OXNARD, CA 930360000
Contact Name:	GREGORY V THOMA EXT 212
Contact Address:	1601 E VENTURA BLVD
Contact Address 2:	Not reported
City,State,Zip:	OXNARD, CA 930360000

TODEY LINCOLN MERCURY MAZDA (Continued) **1010313950**

NAICS:

EPA ID:	CAR000180083
Create Date:	2010-11-22 13:00:50.000
NAICS Code:	44111
NAICS Description:	New Car Dealers
Issued EPA ID Date:	2007-03-27 08:12:41
Inactive Date:	2011-06-30 00:00:00
Facility Name:	TODEY LINCOLN MERCURY MAZDA
Facility Address:	1601 E VENTURA BLVD
Facility Address 2:	Not reported
Facility City:	OXNARD
Facility County:	Not reported
Facility State:	CA
Facility Zip:	930360000

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51 **CITY OF OXNARD** **CPS-SLIC** **S109521349**
SW **ROSE AVENUE HWY 101** **CERS** **N/A**
1/4-1/2 **OXNARD, CA 93030**
0.336 mi.
1775 ft.

Relative:
Lower

Actual:
91 ft.

CPS-SLIC:

Name:	CITY OF OXNARD
Address:	ROSE AVENUE HWY 101
City,State,Zip:	OXNARD, CA 93030
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	03/11/1997
Global Id:	T10000000756
Lead Agency:	VENTURA COUNTY
Lead Agency Case Number:	SR3146554
Latitude:	34.2261820738688
Longitude:	-119.158614141308
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Local Agency Warehouse
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	CITY OF OXNARD
Address:	ROSE AVENUE HWY 101
City,State,Zip:	OXNARD, CA 93030
Site ID:	231033
CERS ID:	T10000000756
CERS Description:	Cleanup Program Site

52
ESE
1/4-1/2
0.368 mi.
1942 ft.

Relative:
Lower

Actual:
84 ft.

FEDERAL EXPRESS
3150 PASEO MERCADO
OXNARD, CA 93030

Database(s): LUST, Cortese, NPDES, WDS, CIWQS, CERS

EDR ID Number: S106103393
EPA ID Number: N/A

LUST:

Name:	FEDERAL EXPRESS
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93030
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611161955
Global Id:	T0611161955
Latitude:	34.228504319
Longitude:	-119.145837568
Status:	Completed - Case Closed
Status Date:	03/09/2012
Case Worker:	Not reported
RB Case Number:	04008
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	04008
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Diesel
Site History:	f

LUST:

Global Id:	T0611161955
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

LUST:

Global Id:	T0611161955
Action Type:	RESPONSE
Date:	09/15/2011
Action:	Well Destruction Report

Global Id:	T0611161955
Action Type:	ENFORCEMENT
Date:	01/22/2010
Action:	Staff Letter - #L02

Global Id:	T0611161955
Action Type:	ENFORCEMENT
Date:	10/01/2009
Action:	Staff Letter

Global Id:	T0611161955
Action Type:	ENFORCEMENT
Date:	11/18/2009
Action:	Staff Letter - #L01

FEDERAL EXPRESS (Continued) **S106103393**

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 04/19/2010
Action: Staff Letter - #L03

Global Id: T0611161955
Action Type: RESPONSE
Date: 08/16/2004
Action: Preliminary Site Assessment Workplan

Global Id: T0611161955
Action Type: RESPONSE
Date: 10/31/2005
Action: Other Workplan

Global Id: T0611161955
Action Type: RESPONSE
Date: 10/15/2004
Action: Other Report / Document

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0611161955
Action Type: RESPONSE
Date: 06/15/2005
Action: Soil and Water Investigation Report

Global Id: T0611161955
Action Type: RESPONSE
Date: 09/21/2007
Action: Other Workplan

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 08/19/2004
Action: * Historical Enforcement

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 08/30/2004
Action: Notice to Comply

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 02/11/2005
Action: * No Action

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 04/27/2010
Action: Staff Letter - #L04

Global Id: T0611161955
Action Type: ENFORCEMENT

FEDERAL EXPRESS (Continued) **S106103393**

Date: 07/01/2004
Action: * Historical Enforcement

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 01/31/2005
Action: * Historical Enforcement

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 11/03/2004
Action: * Historical Enforcement

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 09/29/2010
Action: Staff Letter - #ClzRqmnt

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 09/13/2010
Action: File review

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/28/2006
Action: Soil and Water Investigation Report

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/22/2010
Action: Correspondence

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/08/2010
Action: Correspondence

Global Id: T0611161955
Action Type: RESPONSE
Date: 01/11/2010
Action: Correspondence

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 10/24/2007
Action: Technical Correspondence / Assistance / Other - #14

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 08/31/2005
Action: * Historical Enforcement - #7

FEDERAL EXPRESS (Continued) **S106103393**

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 01/29/2007
Action: Technical Correspondence / Assistance / Other - #11

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 11/21/2005
Action: * Historical Enforcement - #8

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 04/22/2011
Action: Staff Letter - #ClR

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 06/06/2011
Action: Staff Letter - #P&A

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 06/28/2010
Action: File review

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 01/01/2008
Action: File review

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 09/26/2006
Action: Technical Correspondence / Assistance / Other - #10

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 10/03/2007
Action: Technical Correspondence / Assistance / Other - #13

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 08/09/2007
Action: Technical Correspondence / Assistance / Other - #12

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 02/27/2008
Action: Technical Correspondence / Assistance / Other - #15

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 05/10/2011
Action: LOP Case Closure Summary to RB - #ClRLAR

Global Id: T0611161955
Action Type: ENFORCEMENT

FEDERAL EXPRESS (Continued) **S106103393**

Date: 10/04/2010
Action: File review

Global Id: T0611161955
Action Type: RESPONSE
Date: 01/30/2008
Action: Well Installation Report

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 03/12/2012
Action: Closure/No Further Action Letter

Global Id: T0611161955
Action Type: Other
Date: 02/08/2004
Action: Leak Discovery

Global Id: T0611161955
Action Type: Other
Date: 02/08/2004
Action: Leak Stopped

Global Id: T0611161955
Action Type: RESPONSE
Date: 02/01/2005
Action: Soil and Water Investigation Workplan

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 07/31/2008
Action: Staff Letter - #16

Global Id: T0611161955
Action Type: Other
Date: 02/16/2004
Action: Leak Reported

Global Id: T0611161955
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0611161955
Action Type: RESPONSE
Date: 01/31/2010
Action: Well Installation Report

Global Id: T0611161955
Action Type: RESPONSE
Date: 11/16/2009
Action: Well Installation Report

FEDERAL EXPRESS (Continued) **S106103393**

Global Id: T0611161955
Action Type: RESPONSE
Date: 01/29/2010
Action: Other Report / Document

Global Id: T0611161955
Action Type: RESPONSE
Date: 04/30/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0611161955
Action Type: RESPONSE
Date: 07/17/2009
Action: Soil and Water Investigation Workplan

Global Id: T0611161955
Action Type: RESPONSE
Date: 10/29/2004
Action: Soil and Water Investigation Report

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 11/18/2008
Action: Staff Letter - #17

Global Id: T0611161955
Action Type: RESPONSE
Date: 12/13/2010
Action: Other Report / Document

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 02/14/2006
Action: * Historical Enforcement - #9

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 06/11/2009
Action: Staff Letter - #18

Global Id: T0611161955
Action Type: ENFORCEMENT
Date: 07/29/2009
Action: Staff Letter - #19

LUST:
Global Id: T0611161955
Status: Open - Case Begin Date
Status Date: 02/08/2004

Global Id: T0611161955
Status: Open - Site Assessment
Status Date: 02/16/2004

Global Id: T0611161955
Status: Open - Site Assessment
Status Date: 07/28/2004

FEDERAL EXPRESS (Continued) **S106103393**

Global Id: T0611161955
Status: Open - Site Assessment
Status Date: 10/01/2004

Global Id: T0611161955
Status: Open - Site Assessment
Status Date: 01/24/2005

Global Id: T0611161955
Status: Open - Site Assessment
Status Date: 10/24/2007

Global Id: T0611161955
Status: Open - Verification Monitoring
Status Date: 10/24/2007

Global Id: T0611161955
Status: Completed - Case Closed
Status Date: 03/09/2012

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C04008
Status: Leak being confirmed
Substance: Diesel
Substance Quantity: Not reported
Local Case No: 04008
Case Type: Undefined
Abatement Method Used at the Site: Not reported
Global ID: T0611161955
W Global ID: Not reported
Staff: UNK
Local Agency: 56000L
Cross Street: AUTO CENTER DR
Enforcement Type: LFOR
Date Leak Discovered: 2/8/2004
Date Leak First Reported: 2/16/2004
Date Leak Record Entered: Not reported
Date Confirmation Began: 2/16/2004
Date Leak Stopped: 2/8/2004
Date Case Last Changed on Database: Not reported
Date the Case was Closed: Not reported
How Leak Discovered: Tank Closure
How Leak Stopped: Close Tank
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): Not reported
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported

FEDERAL EXPRESS (Continued) **S106103393**

Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported
Enforcement Action Date:	Not reported
Historical Max MTBE Date:	Not reported
Hist Max MTBE Conc in Groundwater:	Not reported
Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	ALAN JOHNSON
RP Address:	8950 CAL CENTER DRIVE, SUITE 370
Program:	LUST
Lat/Long:	0 / 0
Local Agency Staff:	DBW
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	Not reported

VENTURA CO. LUST:

Name:	FEDERAL EXPRESS
Address:	3150 PASEO MERCADO
City:	OXNARD
Region:	VENTURA
Facility ID:	04008
Status:	Pollution Characterization

CORTESE:

Name:	FEDERAL EXPRESS
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611161955
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

File Name: Active Open

NPDES:

Name:	FEDEX OXRA
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93036
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 56I005996
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	04/17/1992
Operator Name:	Fed Ex
Operator Address:	3620 Hacks Cross Rd Bldg B
Operator City:	Memphis
Operator State:	Tennessee
Operator Zip:	38125

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	192623
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 56I005996
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/17/1992
Status:	Active
Status Date:	04/17/1992

FEDERAL EXPRESS (Continued) **S106103393**

Place Size:	2.25
Place Size Unit:	Acres
Contact:	Larry Wingo
Contact Title:	Senior Environmental Specialist
Contact Phone:	817-606-4516
Contact Phone Ext:	Not reported
Contact Email:	lwwingo@fedex.com
Operator Name:	Fed Ex
Operator Address:	3541 Regional Pkwy
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95403
Operator Contact:	Larry Wingo
Operator Contact Title:	Senior Environmental Specialist
Operator Contact Phone:	817-606-4516
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	lwwingo@fedex.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Tennessee
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Revolon Slough
Certifier:	Bill Gebhart
Certifier Title:	Manager, EOS
Certification Date:	18-JUL-17
Primary Sic:	4215-Courier Services Except by Air
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4

FEDERAL EXPRESS (Continued) **S106103393**

Regulatory Measure ID:	192623
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 56I005996
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/17/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Fed Ex
Discharge Address:	3541 Regional Pkwy
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95403
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Name:	FEDEX OXRA
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93036
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	192623
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 56I005996
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/17/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	3620 Hacks Cross Rd Bldg B
Discharge Name:	Fed Ex
Discharge City:	Memphis
Discharge State:	Tennessee
Discharge Zip:	38125
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

NPDES as of 03/2018:

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	192623
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 56I005996
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	04/17/1992
Status:	Active
Status Date:	04/17/1992
Place Size:	2.25
Place Size Unit:	Acres
Contact:	Larry Wingo
Contact Title:	Senior Environmental Specialist
Contact Phone:	817-606-4516
Contact Phone Ext:	Not reported
Contact Email:	lwwingo@fedex.com
Operator Name:	Fed Ex
Operator Address:	3541 Regional Pkwy
Operator City:	Santa Rosa
Operator State:	California
Operator Zip:	95403
Operator Contact:	Larry Wingo
Operator Contact Title:	Senior Environmental Specialist
Operator Contact Phone:	817-606-4516
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	lwwingo@fedex.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Tennessee
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N

FEDERAL EXPRESS (Continued) **S106103393**

Receiving Water Name:	Revolon Slough
Certifier:	Bill Gebhart
Certifier Title:	Manager, EOS
Certification Date:	18-JUL-17
Primary Sic:	4215-Courier Services Except by Air
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	192623
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 56I005996
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/17/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Fed Ex
Discharge Address:	3541 Regional Pkwy
Discharge City:	Santa Rosa
Discharge State:	California
Discharge Zip:	95403
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Name:	FEDERAL EXPRESS
Address:	3150 Paseo Mercado
City:	OXNARD
Facility ID:	4 56I005996
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	8059880893
Facility Contact:	SENIOR MANAGER
Agency Name:	FEDERAL EXPRESS
Agency Address:	3150 Paseo Mercado
Agency City,St,Zip:	Oxnard 930368918
Agency Contact:	SR MGR
Agency Telephone:	8059880893
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported

FEDERAL EXPRESS (Continued) **S106103393**

Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Name:	FEDEX OXRA
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93036
Agency:	Fed Ex
Agency Address:	3620 Hacks Cross Rd Bldg B, Memphis, TN 38125
Place/Project Type:	Industrial - Courier Services Except by Air
SIC/NAICS:	4215
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 56I005996
NPDES Number:	CAS000001
Adoption Date:	01/01/1900
Effective Date:	04/17/1992
Termination Date:	01/01/1900
Expiration/Review Date:	01/01/1900
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	2
Violations within 5 years:	1
Latitude:	34.22885
Longitude:	-119.1468

CERS:

Name:	FEDERAL EXPRESS
Address:	3150 PASEO MERCADO
City,State,Zip:	OXNARD, CA 93030
Site ID:	229016
CERS ID:	T0611161955
CERS Description:	Leaking Underground Storage Tank Cleanup Site

FEDERAL EXPRESS (Continued) **S106103393**

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

Name: FEDEX OXRA
Address: 3150 PASEO MERCADO
City,State,Zip: OXNARD, CA 93036
Site ID: 531898
CERS ID: 224279
CERS Description: Industrial Facility Storm Water

Violations:
Site ID: 531898
Site Name: FedEx OXRA
Violation Date: 07-01-2013
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: failure to submit 2012-13 annual report
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 531898
Site Name: FedEx OXRA
Violation Date: 03-23-2016
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: failure to submit missing 2014-15 annual report
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Site ID: 531898
Site Name: FedEx OXRA
Violation Date: 07-01-2010
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Description: SW - Late Report
Violation Notes: Failure to submit missing 2009-10 annual report
Violation Division: Water Boards
Violation Program: INDSTW
Violation Source: SMARTS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-23-2004
Violations Found: No
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Notes: They were in compliance during the inspection. They just do loading and unloading mails at the facility.

FEDERAL EXPRESS (Continued) **S106103393**

Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS

Enforcement Action:
Site ID: 531898
Site Name: FedEx OXRA
Site Address: 3150 PASEO MERCADO
Site City: OXNARD
Site Zip: 93036
Enf Action Date: 03-23-2016
Enf Action Type: Industrial Storm Water Enforcement
Enf Action Description: Industrial Storm Water Enforcement
Enf Action Notes: NNC for failure to submit 2009-10, 2012-12, 2014-15
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Site ID: 531898
Site Name: FedEx OXRA
Site Address: 3150 PASEO MERCADO
Site City: OXNARD
Site Zip: 93036
Enf Action Date: 04-25-2016
Enf Action Type: Notice of Violation
Enf Action Description: Notice of Violation
Enf Action Notes: NOV for failure to submit 2009-2010, 2012-2013, 2013-2014 annual reports
Enf Action Division: Water Boards
Enf Action Program: INDSTW
Enf Action Source: SMARTS

Affiliation:
Affiliation Type Desc: Owner/Operator
Entity Name: Fed Ex
Entity Title: Operator
Affiliation Address: 3541 Regional Pkwy
Affiliation City: Santa Rosa
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95403
Affiliation Phone: Not reported

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53 **JUST GAS INC.** **HIST CORTESE** **S110060690**
SSE **1861 VENTURA** **N/A**
1/4-1/2 **OXNARD, CA 93030**
0.394 mi.
2078 ft.

Relative: **Lower**

Actual: **87 ft.**

HIST CORTESE:
edr_fname: JUST GAS INC.
edr_fadd1: 1861 VENTURA
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Facility County Code: 56
Reg By: LTNKA

JUST GAS INC. (Continued) **S110060690**

Reg Id: C-87125

H54 **JOSE NAVARRO PROPERTY** **LUST** **S102769652**
West **2632 BALBOA** **HIST CORTESE** **N/A**
1/4-1/2 **OXNARD, CA 91351** **CERS**
0.450 mi.
2378 ft. **Site 1 of 2 in cluster H**

Relative: **Lower**
Actual: **88 ft.**

LUST:
Name: NAVARRO PROPERTY (JOSE)
Address: 2632 BALBOA ST
City,State,Zip: OXNARD, CA 93003
Lead Agency: VENTURA COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611101145
Global Id: T0611101145
Latitude: 34.2319074
Longitude: -119.1643493
Status: Completed - Case Closed
Status Date: 03/21/2005
Case Worker: DBW
RB Case Number: C97028
Local Agency: VENTURA COUNTY
File Location: Local Agency Warehouse
Local Case Number: 97028
Potential Media Affect: Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0611101145
Contact Type: Regional Board Caseworker
Contact Name: DANIEL PIROTTON
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: dpirotton@waterboards.ca.gov
Phone Number: 2135766714

Global Id: T0611101145
Contact Type: Local Agency Caseworker
Contact Name: DIANE B. WAHL
Organization Name: VENTURA COUNTY
Address: 800 S. VICTORIA AVE.
City: VENTURA
Email: diane.wahl@ventura.org
Phone Number: 8056545040

LUST:
Global Id: T0611101145
Action Type: ENFORCEMENT
Date: 10/29/2003
Action: * Historical Enforcement - #1

Global Id: T0611101145
Action Type: ENFORCEMENT
Date: 11/22/2004
Action: LOP Case Closure Summary to RB - #7

JOSE NAVARRO PROPERTY (Continued) **S102769652**

Global Id: T0611101145
Action Type: ENFORCEMENT
Date: 04/21/2004
Action: * Historical Enforcement - #3

Global Id: T0611101145
Action Type: RESPONSE
Date: 11/30/2004
Action: CAP/RAP - Other Report

Global Id: T0611101145
Action Type: RESPONSE
Date: 03/21/2005
Action: Unknown

Global Id: T0611101145
Action Type: ENFORCEMENT
Date: 08/30/2004
Action: * Historical Enforcement - #4

Global Id: T0611101145
Action Type: ENFORCEMENT
Date: 09/29/2004
Action: * Historical Enforcement - #6

Global Id: T0611101145
Action Type: ENFORCEMENT
Date: 09/23/2004
Action: Meeting - #5

Global Id: T0611101145
Action Type: ENFORCEMENT
Date: 12/20/2004
Action: * Historical Enforcement - #8

Global Id: T0611101145
Action Type: RESPONSE
Date: 06/01/2004
Action: Other Report / Document

Global Id: T0611101145
Action Type: RESPONSE
Date: 10/29/2004
Action: Monitoring Report - Quarterly

Global Id: T0611101145
Action Type: RESPONSE
Date: 10/15/2004
Action: Other Report / Document

Global Id: T0611101145
Action Type: ENFORCEMENT
Date: 03/22/2005
Action: Closure/No Further Action Letter

Global Id: T0611101145
Action Type: Other

JOSE NAVARRO PROPERTY (Continued) **S102769652**

Date: 05/17/1997
Action: Leak Discovery

Global Id: T0611101145
Action Type: Other
Date: 05/17/1997
Action: Leak Reported

Global Id: T0611101145
Action Type: RESPONSE
Date: 03/31/2004
Action: Other Report / Document

Global Id: T0611101145
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0611101145
Action Type: ENFORCEMENT
Date: 03/03/2004
Action: * Historical Enforcement - #2

LUST:
Global Id: T0611101145
Status: Open - Case Begin Date
Status Date: 05/17/1997

Global Id: T0611101145
Status: Open - Site Assessment
Status Date: 05/17/1997

Global Id: T0611101145
Status: Open - Site Assessment
Status Date: 06/30/1997

Global Id: T0611101145
Status: Open - Site Assessment
Status Date: 05/06/1999

Global Id: T0611101145
Status: Open - Site Assessment
Status Date: 05/27/1999

Global Id: T0611101145
Status: Open - Site Assessment
Status Date: 06/23/1999

Global Id: T0611101145
Status: Open - Remediation
Status Date: 05/25/2000

Global Id: T0611101145
Status: Open - Remediation
Status Date: 11/30/2004

Global Id: T0611101145

JOSE NAVARRO PROPERTY (Continued) **S102769652**

Status: Completed - Case Closed
Status Date: 03/21/2005

HIST CORTESE:
edr_fname: JOSE NAVARRO PROPERTY
edr_fadd1: 2632 BALBOA
City,State,Zip: OXNARD, CA 91351
Region: CORTESE
Facility County Code: 56
Reg By: LTNKA
Reg Id: C-97028

CERS:
Name: NAVARRO PROPERTY (JOSE)
Address: 2632 BALBOA ST
City,State,Zip: OXNARD, CA 93003
Site ID: 222507
CERS ID: T0611101145
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: R4 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 2135766714

Affiliation Type Desc: Local Agency Caseworker
Entity Name: DIANE B. WAHL - VENTURA COUNTY
Entity Title: Not reported
Affiliation Address: 800 S. VICTORIA AVE.
Affiliation City: VENTURA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 8056545040

H55 **NAVARRO PROPERTY (JOSE)** **LUST** **S105974809**
West **2632 BALBOA ST** **Cortese** **N/A**
1/4-1/2 **OXNARD, CA 93003**
0.450 mi.
2378 ft. **Site 2 of 2 in cluster H**

Relative: LUST REG 4:
Lower
Actual: Region: 4
88 ft. Regional Board: 04
County: Ventura
Facility Id: C-97028
Status: Pollution Characterization
Substance: Diesel
Substance Quantity: Not reported

NAVARRO PROPERTY (JOSE) (Continued) **S105974809**

Local Case No:	97028	
Case Type:	Soil	
Abatement Method Used at the Site:		Not reported
Global ID:	T0611101145	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	56000L	
Cross Street:	Not reported	
Enforcement Type:	LFOR	
Date Leak Discovered:	5/17/1997	
Date Leak First Reported:		5/17/1997
Date Leak Record Entered:	Not reported	
Date Confirmation Began:	6/30/1997	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:		Not reported
Date the Case was Closed:		Not reported
How Leak Discovered:	Not reported	
How Leak Stopped:	Not reported	
Cause of Leak:	Not reported	
Leak Source:	Not reported	
Operator:	Not reported	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		870.47295574676498932085805 41
Source of Cleanup Funding:		F
Preliminary Site Assessment Workplan Submitted:		5/17/1997
Preliminary Site Assessment Began:		Not reported
Pollution Characterization Began:		5/6/1999
Remediation Plan Submitted:		Not reported
Remedial Action Underway:		Not reported
Post Remedial Action Monitoring Began:		Not reported
Enforcement Action Date:		Not reported
Historical Max MTBE Date:		7/8/2002
Hist Max MTBE Conc in Groundwater:		0
Hist Max MTBE Conc in Soil:		Not reported
Significant Interim Remedial Action Taken:		Not reported
GW Qualifier:	ND	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	JOSE NAVARRO	
RP Address:	Not reported	
Program:	LUST	
Lat/Long:	34.2319074 / -1	
Local Agency Staff:	DBW	
Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	Not reported	

VENTURA CO. LUST:

Name:	NAVARRO PROPERTY (JOSE)
Address:	2632 BALBOA ST
City:	OXNARD
Region:	VENTURA

NAVARRO PROPERTY (JOSE) (Continued) **S105974809**

Facility ID: 97028
Status: Case Closed

CORTESE:

Name:	NAVARRO PROPERTY (JOSE)
Address:	2632 BALBOA ST
City,State,Zip:	OXNARD, CA 93003
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0611101145
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

I56 **COSTCO WHOLESALE #420** **RCRA-LQG** **1004677950**
SSE **2001 EAST VENTURA BOULEVARD** **ENVIROSTOR** **CAR000103333**
1/4-1/2 **OXNARD, CA 93030** **FINDS**
0.475 mi. **ECHO**
2508 ft. **Site 1 of 2 in cluster I** **HAZNET**
MED WASTE VENTURA
Relative: Lower **CERS**
HWTS
Actual: 84 ft.

RCRA-LQG:

Date Form Received by Agency:		2020-02-28 00:00:00.0
Handler Name:	COSTCO WHOLESALE #420	
Handler Address:		2001 EAST VENTURA BOULEVARD
Handler City,State,Zip:		OXNARD, CA 93030
EPA ID:		CAR000103333
Contact Name:		SHARON SAKNIT
Contact Address:		LAKE DR
Contact City,State,Zip:		ISSAQUAH, WA 98027
Contact Telephone:		425-416-2334
Contact Fax:		Not reported
Contact Email:		SSAKNIT@COSTCO.COM
Contact Title:		DIRECTOR, GLOBAL SUSTAINABILITY & COMPLIANCE
EPA Region:		09
Land Type:		Private
Federal Waste Generator Description:		Large Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		2019
Accessibility:		Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	EAST VENTURA BOULEVARD
Mailing City,State,Zip:	OXNARD, CA 93030
Owner Name:	COSTCO WHOLESALE CORPORATION
Owner Type:	Private
Operator Name:	COSTCO WHOLESALE CORPORATION
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-10-09 11:22:16.0

COSTCO WHOLESALE #420 (Continued) **1004677950**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D013
Waste Description:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)

COSTCO WHOLESALE #420 (Continued) **1004677950**

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D028
Waste Description: 1,2-DICHLOROETHANE

Waste Code: D029
Waste Description: 1,1-DICHLOROETHYLENE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: D043
Waste Description: VINYL CHLORIDE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005

COSTCO WHOLESALE #420 (Continued) **1004677950**

Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P046
Waste Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P188
Waste Description: BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE

Waste Code: P204
Waste Description: PHYSOSTIGMINE (OR) PYRROLO[2,3-B]INDOL-5-OL, 1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYL-METHYLCARBAMATE (ESTER), (3AS-CIS)-

Waste Code: U010
Waste Description: AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A,2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C

Waste Code: U015
Waste Description: AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)

Waste Code: U019
Waste Description: BENZENE (I,T)

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U037
Waste Description: BENZENE, CHLORO- (OR) CHLOROBENZENE

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U057
Waste Description: CYCLOHEXANONE (I)

COSTCO WHOLESALE #420 (Continued) **1004677950**

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U059
Waste Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Waste Code: U075
Waste Description: DICHLORODIFLUOROMETHANE (OR) METHANE, DICHLORODIFLUORO-

Waste Code: U089
Waste Description: DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-

Waste Code: U121
Waste Description: METHANE, TRICHLOROFLUORO- (OR) TRICHLOROMONOFLUOROMETHANE

Waste Code: U122
Waste Description: FORMALDEHYDE

Waste Code: U129
Waste Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Waste Code: U132
Waste Description: HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-

Waste Code: U150
Waste Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Waste Code: U151
Waste Description: MERCURY

Waste Code: U182
Waste Description: 1,3,5-TRIOXANE, 2,4,6-TRIMETHYL- (OR) PARALDEHYDE

Waste Code: U187
Waste Description: ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN

Waste Code: U188
Waste Description: PHENOL

Waste Code: U200
Waste Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL)OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Waste Code: U201
Waste Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Waste Code: U205
Waste Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Waste Code: U206

COSTCO WHOLESALE #420 (Continued) **1004677950**

Waste Description: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Waste Code: U228
Waste Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Waste Code: U237
Waste Description: 2,4-(1H,3H)-PYRIMIDINEDIONE, 5-[BIS(2-CHLOROETHYL)AMINO]- (OR) URACIL MUSTARD

Waste Code: U279
Waste Description: U279

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	1985-11-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	1985-11-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	1985-11-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	1985-11-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR

COSTCO WHOLESALE #420 (Continued) **1004677950**

Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RTHOMPSON@COSTCO.COM
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	1985-11-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORP
Legal Status:	Private
Date Became Current:	1985-11-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	1985-11-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RTHOMPSON@COSTCO.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private

COSTCO WHOLESALE #420 (Continued) **1004677950**

Date Became Current:	1985-11-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	1985-11-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE DR
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RTHOMPSON@COSTCO.COM
Owner/Operator Indicator:	Operator
Owner/Operator Name:	COSTCO WHOLESALE CORPORATION
Legal Status:	Private
Date Became Current:	1985-11-18 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	999 LAKE
Owner/Operator City,State,Zip:	ISSAQUAH, WA 98027
Owner/Operator Telephone:	425-313-8100
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	RTHOMPSON@COSTCO.COM

Historic Generators:

Receive Date:	2014-03-01 00:00:00.0
Handler Name: COSTCO WHOLESALE #420	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	2016-03-03 00:00:00.0
Handler Name: COSTCO WHOLESALE # 420	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

COSTCO WHOLESALE #420 (Continued) **1004677950**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2018-03-01 00:00:00.0
Handler Name: COSTCO WHOLESALE NO 420
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2020-02-28 00:00:00.0
Handler Name: COSTCO WHOLESALE #420
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 2002-07-09 00:00:00.0
Handler Name: COSTCO WHOLESALE NO 420
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2014-07-11 00:00:00.0
Handler Name: COSTCO WHOLESALE NO 420
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44611

COSTCO WHOLESALE #420 (Continued) **1004677950**

NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 446110
NAICS Description: PHARMACIES AND DRUG STORES

NAICS Code: 447190
NAICS Description: OTHER GASOLINE STATIONS

NAICS Code: 452311
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

NAICS Code: 452910
NAICS Description: WAREHOUSE CLUBS AND SUPERCENTERS

NAICS Code: 812922
NAICS Description: ONE-HOUR PHOTOFINISHING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ENVIROSTOR:
Name: PRICE CLUB #420
Address: 2001 E. VENTURA BOULEVARD
City,State,Zip: OXNARD, CA 93030
Facility ID: 71003264
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 44
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 34.22526
Longitude: -119.1479
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAL000060250
Alias Type: EPA Identification Number

COSTCO WHOLESALE #420 (Continued) **1004677950**

Alias Name: 71003264
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:
Registry ID: 110012221513

Click Here:

Environmental Interest/Information System:
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS AIR POLLUTANT MAJOR
STATE MASTER
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1004677950
Registry ID: 110012221513
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110012221513
Name: COSTCO WHOLESALE NO 420
Address: 2001 E VENTURA BLVD
City,State,Zip: OXNARD, CA 93036

HAZNET:
Name: COSTCO WHOLESALE NO 420
Address: 2001 E VENTURA BLVD
Address 2: Not reported
City,State,Zip: OXNARD, CA 93030
Contact: LISA SIMPSON
Telephone: 4253136275

COSTCO WHOLESALE #420 (Continued) **1004677950**

Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT STE 200

Year: 2017
Gepaid: CAR000103333
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.675

Year: 2017
Gepaid: CAR000103333
TSD EPA ID: CAT080013352
CA Waste Code: 134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.4536

Year: 2017
Gepaid: CAR000103333
TSD EPA ID: CAD008364432
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.328

Year: 2017
Gepaid: CAR000103333
TSD EPA ID: CAD008364432
CA Waste Code: 311 - Pharmaceutical waste
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0005

Year: 2017
Gepaid: CAR000103333
TSD EPA ID: CAD008364432
CA Waste Code: 214 - Unspecified solvent mixture
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.117

Year: 2017
Gepaid: CAR000103333
TSD EPA ID: CAD008364432
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.002

Year: 2016
Gepaid: CAR000103333
TSD EPA ID: NVT330010000
CA Waste Code: 352 - Other organic solids
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As

COSTCO WHOLESALE #420 (Continued) **1004677950**

	Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.46
Year:	2016
Gepaid:	CAR000103333
TSD EPA ID:	CAT080013352
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.42
Year:	2016
Gepaid:	CAR000103333
TSD EPA ID:	CAD008364432
CA Waste Code:	311 - Pharmaceutical waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0015
Year:	2016
Gepaid:	CAR000103333
TSD EPA ID:	CAD008364432
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0935

Click this hyperlink while viewing on your computer to access
73 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2014
Gen EPA ID:	CAR000103333
Shipment Date:	20141229
Creation Date:	6/26/2015 22:15:23
Receipt Date:	20150108
Manifest ID:	007637722FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.11
Waste Quantity:	220
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20141212
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141222
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC

COSTCO WHOLESALE #420 (Continued) **1004677950**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141222
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.017

COSTCO WHOLESALE #420 (Continued) **1004677950**

Waste Quantity:	34
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141222
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141212
Creation Date:	3/19/2015 22:14:50
Receipt Date:	20141222
Manifest ID:	007217445FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES OF POMONA LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Additional Info:

Year:	2011
Gen EPA ID:	CAR000103333
Shipment Date:	20111206
Creation Date:	4/26/2012 20:30:19
Receipt Date:	20111209
Manifest ID:	008657900JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111128
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111212
Manifest ID:	005012945FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20111128
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111212

COSTCO WHOLESALE #420 (Continued) **1004677950**

Manifest ID:	005012945FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1785
Waste Quantity:	357
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111128
Creation Date:	6/15/2012 20:30:07
Receipt Date:	20111212
Manifest ID:	005012945FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20111031
Creation Date:	4/13/2012 20:30:11
Receipt Date:	20111102
Manifest ID:	008657858JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY

COSTCO WHOLESALE #420 (Continued) **1004677950**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110914
Creation Date:	3/23/2012 20:30:11
Receipt Date:	20110916
Manifest ID:	008657767JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1668
Waste Quantity:	40
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110914
Creation Date:	3/23/2012 20:30:11
Receipt Date:	20110916
Manifest ID:	008657767JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150

COSTCO WHOLESALE #420 (Continued) **1004677950**

Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110906
Creation Date:	11/28/2012 22:15:25
Receipt Date:	20111006
Manifest ID:	004768503FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	UTD991301748
Trans Name:	CLEAN HARBORS GRASSY MOUNTAIN LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110825
Creation Date:	10/19/2011 18:30:39
Receipt Date:	20110901
Manifest ID:	008657743JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982444481
Trans Name:	FILTER RECYCLING
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.272
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Shipment Date:	20110822
Creation Date:	2/11/2012 20:30:14
Receipt Date:	20110906
Manifest ID:	005014206FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	561 - Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAR000103333
Shipment Date:	20131227
Creation Date:	5/14/2014 22:15:13
Receipt Date:	20140102
Manifest ID:	005769316FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.125
Waste Quantity:	250
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131202
Creation Date:	5/14/2014 22:15:08
Receipt Date:	20131211
Manifest ID:	005763120FLE

COSTCO WHOLESALE #420 (Continued) **1004677950**

Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131202
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0335
Waste Quantity:	67
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131202
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0125
Waste Quantity:	25
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131202
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	3/31/2014 22:15:09
Receipt Date:	20131202
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1

COSTCO WHOLESALE #420 (Continued) **1004677950**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.007
Waste Quantity:	14
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0565
Waste Quantity:	113
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131114
Creation Date:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Receipt Date:	Not reported
Manifest ID:	006374265FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0675
Waste Quantity:	135
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20131111
Creation Date:	4/5/2014 22:15:10
Receipt Date:	20131120
Manifest ID:	005762226FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAR000103333

Shipment Date:	20121212
Creation Date:	2/14/2013 22:15:30
Receipt Date:	20121219
Manifest ID:	005774112FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE

COSTCO WHOLESALE #420 (Continued) **1004677950**

Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121031
Creation Date:	3/22/2013 22:15:24
Receipt Date:	20121107
Manifest ID:	005773471FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0875
Waste Quantity:	175
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20121023
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	561 - Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.2395
Waste Quantity:	479
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121031
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	P001
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121031
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121031
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0345
Waste Quantity:	69
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	4/3/2013 22:15:15
Receipt Date:	20121031
Manifest ID:	005419676FLE

COSTCO WHOLESALE #420 (Continued) **1004677950**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0315
Waste Quantity:	63
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20121023
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005419676FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	INR000110197
Trans Name:	STERICYCLE INC
TSDF Alt EPA ID:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	U034
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2016
Gen EPA ID:	CAR000103333
Shipment Date:	20151228
Creation Date:	6/6/2016 18:31:19
Receipt Date:	20160107
Manifest ID:	008735691FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151228
Creation Date:	10/10/2016 18:30:40
Receipt Date:	20160106
Manifest ID:	008735690FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018

COSTCO WHOLESALE #420 (Continued) **1004677950**

Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0215
Waste Quantity:	43
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0085
Waste Quantity:	17
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC

COSTCO WHOLESALE #420 (Continued) **1004677950**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAR000103333
Shipment Date:	20101216
Creation Date:	9/23/2011 10:31:34
Receipt Date:	20101230
Manifest ID:	004203073FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture

COSTCO WHOLESALE #420 (Continued) **1004677950**

RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101216
Creation Date:	9/23/2011 10:31:34
Receipt Date:	20101230
Manifest ID:	004203073FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H050 - Energy Recovery At This Site--Use As Fuel(Includes On-Site Fuel Blending)
Quantity Tons:	0.004
Waste Quantity:	8
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101206
Creation Date:	5/19/2011 18:30:24
Receipt Date:	20101210
Manifest ID:	007429246JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20101027
Creation Date:	4/27/2011 18:30:07
Receipt Date:	20101101
Manifest ID:	007429085JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100922
Creation Date:	2/19/2011 18:30:08
Receipt Date:	20101005
Manifest ID:	005755642JJK
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100917
Creation Date:	2/18/2011 18:30:17
Receipt Date:	20100917
Manifest ID:	007429039JJK

COSTCO WHOLESALE #420 (Continued) **1004677950**

Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100917
Creation Date:	2/18/2011 18:30:17
Receipt Date:	20100917
Manifest ID:	007429039JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.14
Waste Quantity:	280
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100727
Creation Date:	1/27/2011 18:30:23
Receipt Date:	20100728
Manifest ID:	007139934JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100604
Creation Date:	1/24/2011 18:30:16
Receipt Date:	20100607
Manifest ID:	007139531JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100426
Creation Date:	12/16/2010 18:31:07
Receipt Date:	20100427
Manifest ID:	007139767JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P

COSTCO WHOLESALE #420 (Continued) **1004677950**

Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAR000103333
Shipment Date:	20151228
Creation Date:	6/6/2016 18:31:19
Receipt Date:	20160107
Manifest ID:	008735691FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.021
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151228
Creation Date:	10/10/2016 18:30:40
Receipt Date:	20160106
Manifest ID:	008735690FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.05
Waste Quantity:	100
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.029
Waste Quantity:	58
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.07
Waste Quantity:	140
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE

COSTCO WHOLESALE #420 (Continued) **1004677950**

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0385
Waste Quantity:	77
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0285
Waste Quantity:	57
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1

COSTCO WHOLESALE #420 (Continued) **1004677950**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151208
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007281958FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAD983649880
Trans 2 Name:	PSC ENVIRONMENTAL SERVICES LP
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D016
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0215
Waste Quantity:	43
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAR000103333
Shipment Date:	20171220
Creation Date:	10/25/2018 18:30:19
Receipt Date:	20171227
Manifest ID:	010665278FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171122
Creation Date:	7/5/2018 18:32:15
Receipt Date:	20171129
Manifest ID:	010664044FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY NEVADA OPERATIONS
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D018
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0625
Waste Quantity:	125
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171122
Creation Date:	6/29/2018 18:30:18
Receipt Date:	20171130
Manifest ID:	010664045FLE
Trans EPA ID:	CAR000183913
Trans Name:	BELSHIRE
Trans 2 EPA ID:	CAT080016116
Trans 2 Name:	NIETO AND SONS TRUCKING INC
TSDF EPA ID:	CAT080013352
Trans Name:	DEMENNO KERDOON
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.084
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	Not reported
Receipt Date:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171031
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.035
Waste Quantity:	70
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20171031
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC

COSTCO WHOLESALE #420 (Continued) **1004677950**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P075
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	P001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005

COSTCO WHOLESALE #420 (Continued) **1004677950**

Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D024
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	D022
Additional Code 2:	D013
Additional Code 3:	D009
Additional Code 4:	D007
Additional Code 5:	Not reported
Shipment Date:	20171031
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009254234FLE
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000217554
Trans 2 Name:	CRUZ CONTAINERS LOGISTICS INC
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	311 - Pharmaceutical waste
RCRA Code:	D026
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D011
Additional Code 2:	D010
Additional Code 3:	D005
Additional Code 4:	D004
Additional Code 5:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Additional Info:

Year:	2009
Gen EPA ID:	CAR000103333
Shipment Date:	20091217
Creation Date:	7/19/2010 18:30:23
Receipt Date:	20100108
Manifest ID:	005861831JJK
Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.011
Waste Quantity:	22
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091215
Creation Date:	3/5/2010 18:31:23
Receipt Date:	20091215
Manifest ID:	005449409JJK
Trans EPA ID:	OKD987096328
Trans Name:	JANUARY TRANSPORT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008252405
Trans Name:	PACIFIC RESOURCE RECOVERY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D018
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20091012
Creation Date:	5/20/2010 18:30:26
Receipt Date:	20091030
Manifest ID:	005859650JJK

COSTCO WHOLESALE #420 (Continued) **1004677950**

Trans EPA ID:	MNS000100924
Trans Name:	STERICYCLE SPECIALTY SOLUTIONS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	OHD083377010
Trans Name:	ENVIRONMENTAL ENTERPRISES INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090527
Creation Date:	6/27/2009 18:30:20
Receipt Date:	20090529
Manifest ID:	005467459JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHOCHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090527
Creation Date:	6/27/2009 18:30:20
Receipt Date:	20090529
Manifest ID:	005467459JJK
Trans EPA ID:	CAD008364432
Trans Name:	RHOCHEM
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD008364432
Trans Name:	RHO CHEM LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Waste Code Description:	- Not reported
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.7
Waste Quantity:	1400
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAR000103333
Shipment Date:	20070220
Creation Date:	8/9/2007 18:31:20
Receipt Date:	20070226
Manifest ID:	001393645JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIROSERV
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070111
Creation Date:	8/8/2007 18:30:15
Receipt Date:	20070130
Manifest ID:	001394678JJK
Trans EPA ID:	CAD003963592
Trans Name:	ECS REFINING
Trans 2 EPA ID:	CA0000970392
Trans 2 Name:	ENVIROSERV
TSDF EPA ID:	CAD003963592
Trans Name:	ECS REFINING TEXAS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D011
Meth Code:	H010 - Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Quantity Tons:	0.005

COSTCO WHOLESALE #420 (Continued) **1004677950**

Waste Quantity: 10
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

MED WASTE VENTURA:
Name: COSTCO PHARMACY #420
Address: 2001 E VENTURA BLVD
City,State,Zip: OXNARD, CA 93036
File Id: FA0033643
Permits: - MEDICAL WASTE SMALL QTY GENERATOR RECORDS

CERS:
Name: COSTCO WHOLESALE NO 420
Address: 2001 E VENTURA BLVD
City,State,Zip: OXNARD, CA 93036-1813
Site ID: 462619
CERS ID: 110012221513
CERS Description: US EPA Air Emission Inventory System (EIS)

Affiliation:
Affiliation Type Desc: Operator
Entity Name: COSTCO WHOLESALE
Entity Title: OPERATOR
Affiliation Address: 999 LAKE DRIVE
Affiliation City: ISSAQUAH
Affiliation State: WA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: ERIC D ENSMINGER
Entity Title: SUPERVISOR, REGULATORY COMPLIANCE
Affiliation Address: 3207 GREY HAWK CTSTE 200
Affiliation City: CARLSBAD
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: UST PO Name
Entity Name: COSTCO WHOL CORPRT
Entity Title: Not reported
Affiliation Address: C/O LISA SIMPSONNA LEGAL-LICENSING DEPARTMENTNA PO
Affiliation City: SEATTLE
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: ATTN DALE ANDERSON COSTCO WHOLESALE
Entity Title: ENVIRONMENTAL CONTACT

COSTCO WHOLESALE #420 (Continued) **1004677950**

Affiliation Address:	999 LAKE DRIVE
Affiliation City:	ISSAQUAH
Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	ELIZ C CAMPOS
Entity Title:	REG COMPLNC SPEC
Affiliation Address:	3207 GREY HAWK CT STE 200
Affiliation City:	CARLSBAD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	ELIZABETH C CAMPOS
Entity Title:	REG COMPLNC SPEC
Affiliation Address:	3207 GREY HAWK CT STE 200
Affiliation City:	CARLSBAD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	ELIZABETH CAMPOS
Entity Title:	REGULATORY SPEC
Affiliation Address:	3207 GREY HAWK CTSTE 200
Affiliation City:	CARLSBAD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	TRAVIS COBOS
Entity Title:	ASSISTANT GENERAL MANAGER
Affiliation Address:	999 LAKE DRIVE
Affiliation City:	ISSAQUAH
Affiliation State:	WA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Property Owner
Entity Name:	COSTCO WHOL
Entity Title:	Not reported
Affiliation Address:	999 LAKE DRIVE
Affiliation City:	ISSAQUAH
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

COSTCO WHOLESALE #420 (Continued) **1004677950**

Affiliation Type Desc: Environmental Contact
Entity Name: Anthony Stout
Entity Title: General Manager
Affiliation Address: COSTCO WHOLESALE CORPORATION RISK MGMT 999 LAKE
Affiliation City: ISSAQUAH
Affiliation State: WA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: COSTCO WHOL ; ENVIR SVC
Entity Title: Not reported
Affiliation Address: 999 LAKE DRIVE
Affiliation City: ISSAQUAH
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Owner
Entity Name: COSTCO WHOLESALE
Entity Title: OWNER
Affiliation Address: 999 LAKE DRIVE
Affiliation City: ISSAQUAH
Affiliation State: WA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

HWTS:
Name: COSTCO WHOLESALE #420
Address: 2001 E VENTURA BLVD
Address 2: Not reported
City,State,Zip: OXNARD, CA 93030
EPA ID: CAR000103333
Inactive Date: Not reported
Create Date: 03/04/2003
Last Act Date: 08/06/2020
Mailing Name: Not reported
Mailing Address: 3207 GREY HAWK CT STE 200
Mailing Address 2: Not reported
Mailing City,State,Zip: CARLSBAD, CA 92010
Owner Name: COSTCO
Owner Address: 999 LAKE DR
Owner Address 2: Not reported
Owner City,State,Zip: ISSAQUAH, WA 980270000
Contact Name: JOHN KONING
Contact Address: 3207 GREY HAWK CT., SUITE 200
Contact Address 2: Not reported
City,State,Zip: CARLSBAD, CA 920100000

NAICS:
EPA ID: CAR000103333
Create Date: 2003-10-23 13:13:52.000
NAICS Code: 45299

COSTCO WHOLESALE #420 (Continued) **1004677950**

NAICS Description:	All Other General Merchandise Stores
Issued EPA ID Date:	2003-03-04 14:25:35.18700
Inactive Date:	Not reported
Facility Name:	COSTCO WHOLESALE #420
Facility Address:	2001 E Ventura Blvd
Facility Address 2:	Not reported
Facility City:	Oxnard
Facility County:	Not reported
Facility State:	CA
Facility Zip:	93030

57
South
1/4-1/2
0.475 mi.
2509 ft.

FORMER MARDEN-SUSCO FACILITY **LUST** **S102430262**
2200 FRAZIER ST **Cortese** **N/A**
OXNARD, CA 93030 **HIST CORTESE**
CERS

Relative:
Lower

Actual:
84 ft.

LUST:

Name:	FORMER MARDEN-SUSCO FACILITY
Address:	2200 FRAZIER ST
City,State,Zip:	OXNARD, CA 93030
Lead Agency:	VENTURA COUNTY
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0611101058
Global Id:	T0611101058
Latitude:	34.2221261
Longitude:	-119.1558796
Status:	Completed - Case Closed
Status Date:	02/13/1996
Case Worker:	Not reported
RB Case Number:	C-95170
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	95170
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0611101058
Contact Type:	Regional Board Caseworker
Contact Name:	DANIEL PIROTTON
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	dpirotton@waterboards.ca.gov
Phone Number:	2135766714

LUST:

Global Id:	T0611101058
Action Type:	Other
Date:	07/05/1995
Action:	Leak Discovery

Global Id:	T0611101058
Action Type:	Other
Date:	07/05/1995

FORMER MARDEN-SUSCO FACILITY (Continued) **S102430262**

Action: Leak Reported

LUST:
Global Id: T0611101058
Status: Open - Case Begin Date
Status Date: 06/27/1995

Global Id: T0611101058
Status: Open - Site Assessment
Status Date: 06/27/1995

Global Id: T0611101058
Status: Open - Site Assessment
Status Date: 07/05/1995

Global Id: T0611101058
Status: Open - Site Assessment
Status Date: 07/11/1995

Global Id: T0611101058
Status: Open - Remediation
Status Date: 07/31/1995

Global Id: T0611101058
Status: Open - Remediation
Status Date: 12/29/1995

Global Id: T0611101058
Status: Completed - Case Closed
Status Date: 02/13/1996

LUST REG 4:
Region: 4
Regional Board: 04
County: Ventura
Facility Id: C-95170
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: 95170
Case Type: Soil
Abatement Method Used at the Site: Excavate and Treat
Global ID: T0611101058
W Global ID: W0611110007
Staff: UNK
Local Agency: 56000L
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: 7/5/1995
Date Leak First Reported: 7/5/1995
Date Leak Record Entered: Not reported
Date Confirmation Began: 7/11/1995
Date Leak Stopped: Not reported
Date Case Last Changed on Database: Not reported
Date the Case was Closed: 2/13/1996

FORMER MARDEN-SUSCO FACILITY (Continued) **S102430262**

How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Not reported
Leak Source: Not reported
Operator: Not reported
Water System: OXNARD WATER DEPT
Well Name: Not reported
Approx. Dist To Production Well (ft): 1766.780119612935252522030402 4
Source of Cleanup Funding: F
Preliminary Site Assessment Workplan Submitted: 6/27/1995
Preliminary Site Assessment Began: 7/5/1995
Pollution Characterization Began: 7/5/1995
Remediation Plan Submitted: 7/31/1995
Remedial Action Underway: 12/29/1995
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MCGAELIC GROUP
RP Address: Not reported
Program: LUST
Lat/Long: 34.2229715 / -1
Local Agency Staff: KCK
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: 02N/22W-35C03 S
Summary: Not reported

VENTURA CO. LUST:
Name: FORMER MARDEN-SUSCO FACILITY
Address: 2200 FRAZIER ST
City: OXNARD
Region: VENTURA
Facility ID: 95170
Status: Case Closed

CORTESE:
Name: FORMER MARDEN-SUSCO FACILITY
Address: 2200 FRAZIER ST
City,State,Zip: OXNARD, CA 93030
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0611101058
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported

FORMER MARDEN-SUSCO FACILITY (Continued) **S102430262**

Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	FORMER MARDEN-SUSCO FACIL
edr_fadd1:	2200 FRAZIER
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	C-95170

CERS:

Name:	FORMER MARDEN-SUSCO FACILITY
Address:	2200 FRAZIER ST
City,State,Zip:	OXNARD, CA 93030
Site ID:	211670
CERS ID:	T0611101058
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	DANIEL PIROTTON - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2135766714

I58 **CHEVRON #9-7423** **HIST CORTESE** **S103684259**
SSE **1860 VENTURA** **N/A**
1/4-1/2 **OXNARD, CA 93030**
0.477 mi.
2519 ft. **Site 2 of 2 in cluster I**

Relative: HIST CORTESE:
Lower

Actual: edr_fname:	CHEVRON #9-7423
84 ft. edr_fadd1:	1860 VENTURA
City,State,Zip:	OXNARD, CA 93030
Region:	CORTESE
Facility County Code:	56
Reg By:	LTNKA
Reg Id:	C-90032

59
SSW
1/4-1/2
0.484 mi.
2558 ft.

QUINN COMPANY
2300 N ROSE AVE
OXNARD, CA 93030

CPS-SLIC
HIST UST
CERS

U001579842
N/A

Relative:
Lower

Actual:
87 ft.

CPS-SLIC:

Name:	FORMER QUINN EQUIPMENT FACILITY
Address:	2300 N. ROSE AVE
City,State,Zip:	OXNARD, CA 93030
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/18/1995
Global Id:	SLT43255253
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	34.192243163434
Longitude:	-119.182942300954
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0430
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	QUINN COMPANY
Address:	2300 N ROSE AVE
City,State,Zip:	OXNARD, CA 93030
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000058359
Facility Type:	Other
Other Type:	TRACTOR REPAIR
Contact Name:	BILL BRENSEL
Telephone:	8054852171
Owner Name:	MCGAELIC GROUP
Owner Address:	1810 LOCKWOOD ST.
Owner City,St,Zip:	OXNARD, CA 93030
Total Tanks:	0010
Tank Num:	001
Container Num:	#1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	3/8
Leak Detection:	None
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000

QUINN COMPANY (Continued) **U001579842**

Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	#2
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	#3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	004
Container Num:	#4
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	3/8
Leak Detection:	Stock Inventor, Pressure Test

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported

QUINN COMPANY (Continued) **U001579842**

Leak Detection:	None
Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	005
Container Num:	#5
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	WASTE OIL
Container Construction Thickness:	3/8
Leak Detection:	None
Tank Num:	006
Container Num:	#6
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/2
Leak Detection:	Not reported
Tank Num:	006
Container Num:	6
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	1/2
Leak Detection:	None
Tank Num:	007
Container Num:	7
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	007
Container Num:	#7
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	008

QUINN COMPANY (Continued) **U001579842**

Container Num:	8
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	008
Container Num:	#8
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	009
Container Num:	9
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	6
Leak Detection:	None

Tank Num:	009
Container Num:	#9
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	6
Leak Detection:	None

Tank Num:	010
Container Num:	10
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	010
Container Num:	#10
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	011
Container Num:	11
Year Installed:	Not reported
Tank Capacity:	00010000

QUINN COMPANY (Continued) **U001579842**

Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 012
Container Num: 12
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

Tank Num: 013
Container Num: 13
Year Installed: Not reported
Tank Capacity: 00000050
Tank Used for: PRODUCT
Type of Fuel: 06
Container Construction Thickness: Not reported
Leak Detection: None

CERS:
Name: FORMER QUINN EQUIPMENT FACILITY
Address: 2300 N. ROSE AVE
City,State,Zip: OXNARD, CA 93030
Site ID: 240150
CERS ID: SLT43255253
CERS Description: Cleanup Program Site

60
South
1/2-1
0.681 mi.
3594 ft.

TELEFLEX CONTROL SYSTEMS **ENVIROSTOR** **S118757241**
1950 WILLIAMS DRIVE **N/A**
OXNARD, CA 93030

Relative:
Lower

Actual:
83 ft.

ENVIROSTOR:
Name: TELEFLEX CONTROL SYSTEMS
Address: 1950 WILLIAMS DRIVE
City,State,Zip: OXNARD, CA 93030
Facility ID: 60001505
Status: No Action Required
Status Date: 06/27/2013
Site Code: 301514
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 12.5
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Manjul Bose
Supervisor: Javier Hinojosa
Division Branch: Cleanup Chatsworth
Assembly: 44
Senate: 19
Special Program: EPA - PASI

TELEFLEX CONTROL SYSTEMS (Continued) **S118757241**

Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	34.21998
Longitude:	-119.1522
APN:	213003120
Past Use:	ABOVE GROUND STORAGE TANKS
Potential COC:	Under Investigation
Confirmed COC:	31000-NO 31001-NO
Potential Description:	AQUI, OTH, SOIL
Alias Name:	213003120
Alias Type:	APN
Alias Name:	301514
Alias Type:	Project Code (Site Code)
Alias Name:	60001505
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	10/07/2013
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

---

61 **RIO VISTA MIDDLE SCHOOL** **ENVIROSTOR** **S109422425**
NW **VINEYARD & WALNUT AVENUE** **SCH** **N/A**
1/2-1 **OXNARD, CA 93036**
0.884 mi.
4665 ft.

Relative:
Higher

Actual:
98 ft.

ENVIROSTOR:

Name:	RIO VISTA MIDDLE SCHOOL
Address:	VINEYARD & WALNUT AVENUE
City,State,Zip:	OXNARD, CA 93036
Facility ID:	56010019
Status:	Certified
Status Date:	11/19/2009
Site Code:	304480
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	18.1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Christine Chiu
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	37

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.241
Longitude: -119.1665
APN: 132-0-020-160, 132-0-120-215, 132-0-120-225, 132-0-120-235, 133-0-010-600
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Methane
Confirmed COC: Methane
Potential Description: SV, IA
Alias Name: RIO ELEMENTARY UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: RIO SD-RIVERPARK LEGACY DEV INTRMDT SCL
Alias Type: Alternate Name
Alias Name: 132-0-020-160
Alias Type: APN
Alias Name: 132-0-120-215
Alias Type: APN
Alias Name: 132-0-120-225
Alias Type: APN
Alias Name: 132-0-120-235
Alias Type: APN
Alias Name: 133-0-010-600
Alias Type: APN
Alias Name: 110033606934
Alias Type: EPA (FRS #)
Alias Name: 304480
Alias Type: Project Code (Site Code)
Alias Name: 56010019
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/10/2009
Comments: DTSC certified that response actions according to the DTSC-approved RAW is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/17/2009
Comments: DTSC prepared project close out Cost Recovery Unit Memorandum.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/05/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/16/2005

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/21/2004
Comments: The District entered into an EOA with DTSC for oversight of a PEA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 07/15/2005
Comments: The District entered into a SCA with DTSC to develop and implement a Removal Action Workplan, and other activities, under the oversight of DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/09/2005
Comments: DTSC approved the PEA with a Further Action determination and partial site approval of the 1.4-acre Eastern Elementary School. PEA comment period 4/11/05-05/10/05.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/09/2005
Comments: SSI approved further action for methane

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/31/2004
Comments: DTSC approved the adequacy of the PEA Workplan for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/25/2006
Comments: DTSC approved the Removal Action Workplan for implementation. Public comment period: May 12, 2006 - June 13, 2006; public hearing on May 24, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/08/2006
Comments: Approval of SSI Report. Methane levels fluctuating. RAW still required.

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 01/17/2006
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/04/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/15/2008
Comments: Issued RACR approval letter. Certification will be issued after DTSC reviews and approves the final O & M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/22/2008
Comments: Reviewed the Indoor Air Sampling and Analysis Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/10/2008
Comments: Reviewed and concurred with the conclusions of the second quarterly soil gas & indoor air monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/14/2009
Comments: DTSC reviewed the Operation and Maintenance Report and provided comments to be addressed in future O&M reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/15/2009
Comments: DTSC reviewed the Operation and Maintenance Report and determined that O&M activities of the methane mitigation system are no longer required. DTSC determined that No Further Action is necessary at the Site and a Five-Year Review of the Site will not be required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/25/2006
Comments: The O&M Plan, dated April 2006, is Appendix F of the RAW. DTSC approved the revised RAW on July 25, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Completed Document Type:	Community Profile
Completed Date:	04/26/2006
Comments:	DTSC approved the Community Profile on April 26, 2006.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	05/01/2006
Comments:	Final Fact Sheet regarding the Draft RAW is dated May 2006. English and Spanish versions.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation & Maintenance Order/Agreement
Completed Date:	09/08/2009
Comments:	DTSC fully executed the Operation and Maintenance Agreement.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	RIO VISTA MIDDLE SCHOOL
Address:	VINEYARD & WALNUT AVENUE
City,State,Zip:	OXNARD, CA 93036
Facility ID:	56010019
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	18.1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Christine Chiu
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304480
Assembly:	37
Senate:	19
Special Program Status:	Not reported
Status:	Certified
Status Date:	11/19/2009
Restricted Use:	NO
Funding:	School District
Latitude:	34.241
Longitude:	-119.1665
APN:	132-0-020-160, 132-0-120-215, 132-0-120-225, 132-0-120-235, 133-0-010-600
Past Use:	AGRICULTURAL - ROW CROPS

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Potential COC:	Methane
Confirmed COC:	Methane
Potential Description:	SV, IA
Alias Name:	RIO ELEMENTARY UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	RIO SD-RIVERPARK LEGACY DEV INTRMDT SCL
Alias Type:	Alternate Name
Alias Name:	132-0-020-160
Alias Type:	APN
Alias Name:	132-0-120-215
Alias Type:	APN
Alias Name:	132-0-120-225
Alias Type:	APN
Alias Name:	132-0-120-235
Alias Type:	APN
Alias Name:	133-0-010-600
Alias Type:	APN
Alias Name:	110033606934
Alias Type:	EPA (FRS #)
Alias Name:	304480
Alias Type:	Project Code (Site Code)
Alias Name:	56010019
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	11/10/2009
Comments:	DTSC certified that response actions according to the DTSC-approved RAW is complete.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/17/2009
Comments:	DTSC prepared project close out Cost Recovery Unit Memorandum.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	01/05/2005
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	02/16/2005
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	10/21/2004
Comments:	The District entered into an EOA with DTSC for oversight of a PEA.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Completed Document Type: School Cleanup Agreement
Completed Date: 07/15/2005
Comments: The District entered into a SCA with DTSC to develop and implement a Removal Action Workplan, and other activities, under the oversight of DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/09/2005
Comments: DTSC approved the PEA with a Further Action determination and partial site approval of the 1.4-acre Eastern Elementary School. PEA comment period 4/11/05-05/10/05.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/09/2005
Comments: SSI approved further action for methane

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 12/31/2004
Comments: DTSC approved the adequacy of the PEA Workplan for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 07/25/2006
Comments: DTSC approved the Removal Action Workplan for implementation. Public comment period: May 12, 2006 - June 13, 2006; public hearing on May 24, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/08/2006
Comments: Approval of SSI Report. Methane levels fluctuating. RAW still required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 01/17/2006
Comments: Approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/04/2007

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 02/15/2008
Comments: Issued RACR approval letter. Certification will be issued after DTSC reviews and approves the final O & M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/22/2008
Comments: Reviewed the Indoor Air Sampling and Analysis Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 12/10/2008
Comments: Reviewed and concurred with the conclusions of the second quarterly soil gas & indoor air monitoring report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 05/14/2009
Comments: DTSC reviewed the Operation and Maintenance Report and provided comments to be addressed in future O&M reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/15/2009
Comments: DTSC reviewed the Operation and Maintenance Report and determined that O&M activities of the methane mitigation system are no longer required. DTSC determined that No Further Action is necessary at the Site and a Five-Year Review of the Site will not be required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/25/2006
Comments: The O&M Plan, dated April 2006, is Appendix F of the RAW. DTSC approved the revised RAW on July 25, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 04/26/2006
Comments: DTSC approved the Community Profile on April 26, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/01/2006
Comments: Final Fact Sheet regarding the Draft RAW is dated May 2006. English and Spanish versions.

RIO VISTA MIDDLE SCHOOL (Continued) **S109422425**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Operation & Maintenance Order/Agreement
Completed Date:	09/08/2009
Comments:	DTSC fully executed the Operation and Maintenance Agreement.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

62
WNW
1/2-1
0.898 mi.
4741 ft.

PRICE COMPANY **ENVIROSTOR** **S103990905**
2600 VINEYARD AVENUE **N/A**
OXNARD, CA 93030

Relative:
Lower

Actual:
87 ft.

ENVIROSTOR:

Name:	PRICE COMPANY
Address:	2600 VINEYARD AVENUE
City,State,Zip:	OXNARD, CA 93030
Facility ID:	56550001
Status:	No Further Action
Status Date:	06/26/1992
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	44
Senate:	19
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.23424
Longitude:	-119.1707
APN:	145023217
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING
Potential COC:	TPH-gas Toluene
Confirmed COC:	TPH-gas Toluene
Potential Description:	SOIL, SV
Alias Name:	145023217
Alias Type:	APN
Alias Name:	56550001
Alias Type:	Envirostor ID Number

Completed Info:

PRICE COMPANY (Continued) **S103990905**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/26/1992
Comments: THE DEPT COMPLETED THE REVIEW OF PEA AND CONCURS WITH THE RECOMMENDATION THAT NO FURTHER ACTION IS NEEDED AT THE TIRE CENTER AREA. THE DEPT ALSO NOTIFIED THE RP THAT THE OTHER AREAS WHICH CONSIST OF THE BUILDINGS AND PAVED PARKING AREA, THE DEPT IS NOT IN A POSITION OF MAKING ANY DECISION. IN ORDER TO DETERMINE IF NO FURTHER ACTION IS REQUIRED IN THE OTHER AREAS, AN ADDITIONAL PEA REPORT WITH APPROPRIATE FEE IS REQUIRED TO BE SUBMITTED TO THE DEPT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 07/01/1991
Comments: Site was screened in April 1991, but screening was not recorded until July 1, 1991.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/24/1991
Comments: The Dept has reviewed the PEA and concurs with the consultant's recommendation on that further action is needed due to the presence of TPH at the facility in the tire center area. RP is informed of it and the site referred to site mitigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 03/25/1991
Comments: Site identified from responsible party.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

63
NNW
1/2-1
0.973 mi.
5135 ft.

EASTERN ELEMENTARY SCHOOL **ENVIROSTOR** **S106044359**
EAST VINEYARD AVENUE/SIMON WAY **SCH** **N/A**
OXNARD, CA 93036

Relative:
Higher

Actual:
103 ft.

ENVIROSTOR:
Name: EASTERN ELEMENTARY SCHOOL
Address: EAST VINEYARD AVENUE/SIMON WAY
City,State,Zip: OXNARD, CA 93036
Facility ID: 56010016
Status: No Further Action
Status Date: 01/18/2006
Site Code: 304429

EASTERN ELEMENTARY SCHOOL (Continued) **S106044359**

Site Type: School Investigation
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 37
Senate: 19
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.24412
Longitude: -119.1641
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: EASTERN ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: RIO ELEMENTARY SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: RIO SD-EASTERN ELEMENTARY
Alias Type: Alternate Name
Alias Name: 304429
Alias Type: Project Code (Site Code)
Alias Name: 56010016
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 10/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/31/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/29/2003
Comments: Not reported

EASTERN ELEMENTARY SCHOOL (Continued) **S106044359**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	01/18/2006
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Name:	EASTERN ELEMENTARY SCHOOL
Address:	EAST VINEYARD AVENUE/SIMON WAY
City,State,Zip:	OXNARD, CA 93036
Facility ID:	56010016
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	10
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304429
Assembly:	37
Senate:	19
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	01/18/2006
Restricted Use:	NO
Funding:	School District
Latitude:	34.24412
Longitude:	-119.1641
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NMA
Alias Name:	EASTERN ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	RIO ELEMENTARY SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	RIO SD-EASTERN ELEMENTARY
Alias Type:	Alternate Name
Alias Name:	304429
Alias Type:	Project Code (Site Code)
Alias Name:	56010016

EASTERN ELEMENTARY SCHOOL (Continued) **S106044359**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 10/11/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/31/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 01/18/2006
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
OXNARD	S100539068	SANTA CLARA/MAXWELL SWIFT/CONNOLLY	VENTURA RD.	93030	ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/30/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/09/2021
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 39

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/23/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/15/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 7

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/14/2021
Number of Days to Update: 65

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 03/05/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 04/01/2021
Number of Days to Update: 23

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 12/22/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 80

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/07/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 12/18/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 84

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 86

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/22/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/17/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 03/09/2021
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/11/2020
Date Data Arrived at EDR: 12/11/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/16/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 83

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/08/2020
Date Made Active in Reports: 02/22/2021
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/16/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 85

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/24/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 47

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 03/12/2021
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/19/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/20/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 60

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/21/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 35

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2020
Date Data Arrived at EDR: 11/12/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/05/2021
Number of Days to Update: 50

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 03/11/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 59

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/05/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 03/02/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/25/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/27/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 01/13/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 68

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/06/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/18/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 03/01/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/24/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/11/2020
Date Data Arrived at EDR: 12/11/2020
Date Made Active in Reports: 03/02/2021
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/10/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2021
Date Data Arrived at EDR: 03/03/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 33

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/02/2021
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 04/06/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/17/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/17/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 03/09/2021
Number of Days to Update: 82

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/23/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/12/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/17/2020
Date Data Arrived at EDR: 11/18/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 78

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/25/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 77

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/19/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/22/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/29/2021
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80
Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/17/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 01/05/2021
Date Data Arrived at EDR: 01/05/2021
Date Made Active in Reports: 03/18/2021
Number of Days to Update: 72
Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/06/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/19/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/09/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/12/2021
Number of Days to Update: 73
Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80
Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 03/08/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/30/2021
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 03/17/2021
Date Data Arrived at EDR: 03/18/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 7

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/17/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/14/2021
Date Data Arrived at EDR: 01/15/2021
Date Made Active in Reports: 04/05/2021
Number of Days to Update: 80

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2020
Date Data Arrived at EDR: 11/19/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 77

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 01/28/2021
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 02/10/2021
Date Data Arrived at EDR: 02/12/2021
Date Made Active in Reports: 03/11/2021
Number of Days to Update: 27

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/07/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 03/26/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/11/2021
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 72

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/05/2021
Next Scheduled EDR Contact: 07/19/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/11/2021
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/26/2021
Number of Days to Update: 73

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/07/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/26/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/26/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/26/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/26/2021
Number of Days to Update: 73
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/07/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65
Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/11/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 77
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/25/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/21/2020
Date Data Arrived at EDR: 12/21/2020
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 79

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 02/04/2021
Date Data Arrived at EDR: 02/09/2021
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 9

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 11/16/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/08/2021
Date Data Arrived at EDR: 01/12/2021
Date Made Active in Reports: 03/25/2021
Number of Days to Update: 72

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 03/25/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/28/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 79

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/21/2021
Number of Days to Update: 79

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 1
Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64
Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 55
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/15/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 03/10/2021
Number of Days to Update: 55
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/15/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/31/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/16/2020
Date Data Arrived at EDR: 11/18/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 78

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database
The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/30/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/16/2021
Number of Days to Update: 77

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 03/03/2021
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24
Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 82
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/28/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80
Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/08/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28
Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/20/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/05/2021
Number of Days to Update: 74
Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22
Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/22/2021
Next Scheduled EDR Contact: 06/06/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 04/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/16/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 12/03/2020
Date Made Active in Reports: 02/18/2021
Number of Days to Update: 77

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/12/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/19/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/05/2021
Date Data Arrived at EDR: 01/06/2021
Date Made Active in Reports: 03/18/2021
Number of Days to Update: 71

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/19/2021
Next Scheduled EDR Contact: 07/05/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/07/2021
Next Scheduled EDR Contact: 07/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 78

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/26/2021
Next Scheduled EDR Contact: 06/14/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 01/13/2021
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 04/06/2021
Number of Days to Update: 82

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/02/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/25/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 03/01/2021
Date Data Arrived at EDR: 03/09/2021
Date Made Active in Reports: 03/31/2021
Number of Days to Update: 22

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/09/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/21/2020
Date Data Arrived at EDR: 12/23/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 12

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/26/2021
Next Scheduled EDR Contact: 07/12/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/26/2021
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 02/03/2021
Number of Days to Update: 6

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 02/23/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/12/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/31/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/08/2021
Next Scheduled EDR Contact: 06/21/2021
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data

Source: Endeavor Business Media

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

RIO DEL VALLE MIDDLE SCHOOL EXPANSION PHASE I ESA
2600 NORTH ROSE AVENUE
OXNARD, CA 93036

TARGET PROPERTY COORDINATES

Latitude (North):	34.230764 - 34° 13' 50.75''
Longitude (West):	119.154406 - 119° 9' 15.86''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	301563.1
UTM Y (Meters):	3789647.2
Elevation:	92 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5619402 OXNARD, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

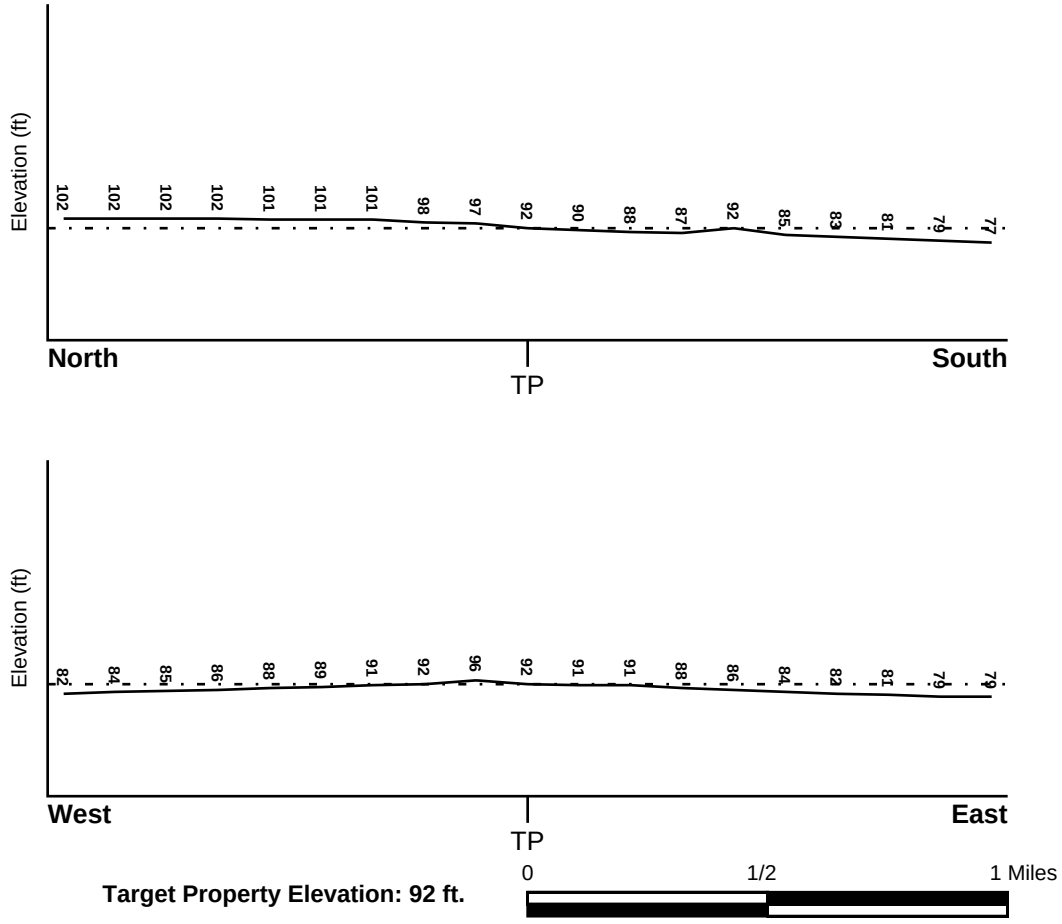
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06111C0910E	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
Not Reported	

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
OXNARD	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

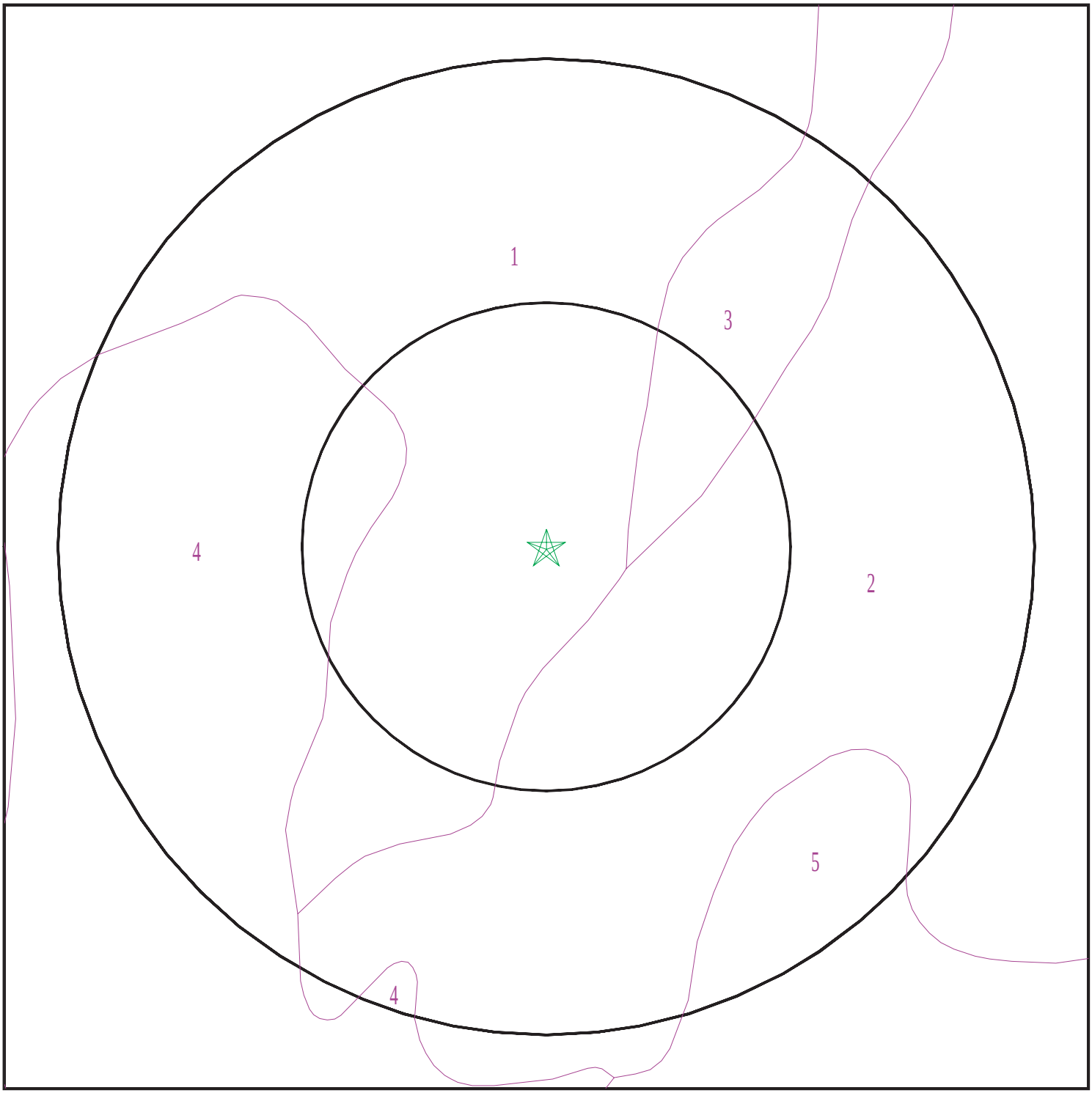
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6441237.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Rio Del Valle Middle School Expansion Phase I ESA	CLIENT:	Tetra Tech, Inc.
ADDRESS:	2600 North Rose Avenue	CONTACT:	Jim Steele
	Oxnard CA 93036	INQUIRY #:	6441237.2s
LAT/LONG:	34.230764 / 119.154406	DATE:	April 08, 2021 1:17 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: PICO

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9
2	14 inches	53 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9
3	53 inches	59 inches	stratified gravelly sand to gravelly loamy coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: CAMARILLO

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 107 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	24 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	24 inches	50 inches	stratified sandy loam to sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
3	50 inches	79 inches	fine sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: ANACAPA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	35 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	35 inches	59 inches	stratified coarse sandy loam to loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.9

Soil Map ID: 4

Soil Component Name: METZ

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4
2	7 inches	59 inches	stratified sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 8.4 Min: 7.4

Soil Map ID: 5

Soil Component Name: HUENEME

Soil Surface Texture: loamy sand

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 107 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
2	16 inches	59 inches	stratified sandy loam to silt loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C10	USGS40000142603	1/8 - 1/4 Mile North
E16	USGS40000142583	1/4 - 1/2 Mile SW
F20	USGS40000142609	1/4 - 1/2 Mile North
24	USGS40000142574	1/4 - 1/2 Mile South
J34	USGS40000142569	1/2 - 1 Mile South
47	USGS40000142589	1/2 - 1 Mile ESE
R78	USGS40000142604	1/2 - 1 Mile WNW
U93	USGS40000142605	1/2 - 1 Mile WNW
U94	USGS40000142606	1/2 - 1 Mile WNW
AC165	USGS40000142540	1/2 - 1 Mile SSW
AE196	USGS40000142586	1/2 - 1 Mile West

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CADWR0000005867	0 - 1/8 Mile East
A2	2312	1/8 - 1/4 Mile NNE
A3	2314	1/8 - 1/4 Mile North
A4	CADDW0000016796	1/8 - 1/4 Mile North
B5	CADWR0000009331	1/8 - 1/4 Mile West
B6	CADWR0000030031	1/8 - 1/4 Mile West
B7	CADWR0000003233	1/8 - 1/4 Mile West
B8	CADWR0000020422	1/8 - 1/4 Mile West
C9	CAUSGSN00003167	1/8 - 1/4 Mile North
C11	CADDW0000009376	1/8 - 1/4 Mile North
C12	CAPFAS000000996	1/8 - 1/4 Mile North
D13	2315	1/4 - 1/2 Mile NE
D14	2313	1/4 - 1/2 Mile NE
C15	CADDW0000018231	1/4 - 1/2 Mile North
F17	CAUSGSN00001929	1/4 - 1/2 Mile North
D18	CADDW0000000131	1/4 - 1/2 Mile NE
G19	CADWR0000029444	1/4 - 1/2 Mile East
E21	CADWR0000013340	1/4 - 1/2 Mile SW
22	CADWR0000021598	1/4 - 1/2 Mile NW
E23	CADDW0000002857	1/4 - 1/2 Mile SW
G25	CADWR8000007651	1/4 - 1/2 Mile East
26	2317	1/4 - 1/2 Mile SW
27	CADWR0000002178	1/4 - 1/2 Mile SE
H28	2284	1/4 - 1/2 Mile North
H29	2283	1/4 - 1/2 Mile NNW
I30	2316	1/4 - 1/2 Mile West
I31	CADDW0000003976	1/4 - 1/2 Mile West
J32	CADWR0000014478	1/4 - 1/2 Mile South
33	CADWR0000035954	1/4 - 1/2 Mile WSW
K35	CAEDF0000009889	1/2 - 1 Mile ESE
K36	CAEDF0000124534	1/2 - 1 Mile ESE
K37	CAEDF0000135045	1/2 - 1 Mile ESE
L38	CADWR0000018015	1/2 - 1 Mile North
K39	CAEDF0000003166	1/2 - 1 Mile ESE
M40	CADWR0000005675	1/2 - 1 Mile SSW
K41	CAEDF0000048155	1/2 - 1 Mile ESE
42	CAEDF0000048236	1/2 - 1 Mile SW
K43	CADWR0000022758	1/2 - 1 Mile ESE
M44	CAEDF0000073294	1/2 - 1 Mile SSW
N45	CAEDF0000127615	1/2 - 1 Mile SW
46	CADWR0000000539	1/2 - 1 Mile SSE
O48	CAEDF0000093585	1/2 - 1 Mile SE
O49	CAEDF0000083137	1/2 - 1 Mile SE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
50	CADWR0000009631	1/2 - 1 Mile ESE
L51	CAPFAS000000581	1/2 - 1 Mile North
L52	CADDW0000010347	1/2 - 1 Mile North
53	CADWR8000007685	1/2 - 1 Mile NNE
O54	CAEDF0000075406	1/2 - 1 Mile SE
N55	CAEDF0000098070	1/2 - 1 Mile SW
M56	CAEDF0000107725	1/2 - 1 Mile SSW
O57	CAEDF0000134250	1/2 - 1 Mile SE
58	CAEDF0000114421	1/2 - 1 Mile West
O59	CAEDF0000143311	1/2 - 1 Mile SE
O60	CAEDF0000127707	1/2 - 1 Mile SE
P61	22660	1/2 - 1 Mile North
O62	CAEDF0000116033	1/2 - 1 Mile SE
63	CAEDF0000013007	1/2 - 1 Mile SSW
O64	CAEDF0000018405	1/2 - 1 Mile SE
P65	CADWR0000031186	1/2 - 1 Mile North
66	CAEDF0000043082	1/2 - 1 Mile SW
Q67	CAEDF0000051670	1/2 - 1 Mile SSW
R68	CADDW0000022080	1/2 - 1 Mile WNW
69	CAEDF0000143817	1/2 - 1 Mile SW
S70	CADWR0000030294	1/2 - 1 Mile SE
S71	CADWR0000035041	1/2 - 1 Mile SE
Q72	CAEDF0000023606	1/2 - 1 Mile SSW
T73	CAEDF0000075911	1/2 - 1 Mile SSW
T74	CAEDF0000132385	1/2 - 1 Mile SSW
75	CADWR0000024797	1/2 - 1 Mile South
S76	2309	1/2 - 1 Mile SE
77	CADWR0000029842	1/2 - 1 Mile WSW
U79	CADWR0000019272	1/2 - 1 Mile WNW
80	CADWR0000025174	1/2 - 1 Mile East
V81	CADWR8000007701	1/2 - 1 Mile North
V82	CADWR0000028820	1/2 - 1 Mile North
W83	CADWR0000023989	1/2 - 1 Mile SSW
U84	CADDW0000007164	1/2 - 1 Mile WNW
R85	2321	1/2 - 1 Mile WNW
R86	2322	1/2 - 1 Mile WNW
R87	2318	1/2 - 1 Mile WNW
R88	2319	1/2 - 1 Mile WNW
R89	2320	1/2 - 1 Mile WNW
U90	CADDW0000002164	1/2 - 1 Mile WNW
Q91	CAEDF0000088110	1/2 - 1 Mile SSW
Q92	CAEDF0000077614	1/2 - 1 Mile SSW
X95	CADDW0000002707	1/2 - 1 Mile NNW
T96	CAEDF0000090468	1/2 - 1 Mile SSW
T97	CAEDF0000124889	1/2 - 1 Mile SSW
W98	CAEDF0000128800	1/2 - 1 Mile SSW
W99	CAEDF0000039536	1/2 - 1 Mile SSW
W100	CAEDF0000103722	1/2 - 1 Mile SSW
Y101	CADWR0000000030	1/2 - 1 Mile ESE
Y102	CADWR0000026393	1/2 - 1 Mile ESE
103	CADWR0000032750	1/2 - 1 Mile SSE
104	CADWR0000000937	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
W105	CAEDF0000099221	1/2 - 1 Mile SSW
W106	CAEDF0000073815	1/2 - 1 Mile SSW
Z107	CAEDF0000090095	1/2 - 1 Mile SSW
Z108	CAEDF0000114284	1/2 - 1 Mile SSW
109	CADWR0000023953	1/2 - 1 Mile NNE
W110	CAEDF0000060893	1/2 - 1 Mile SSW
AA111	CAEDF0000114512	1/2 - 1 Mile SE
W112	CAEDF0000106673	1/2 - 1 Mile SSW
AB113	CAPFAS000001155	1/2 - 1 Mile North
AB114	CADDW0000016797	1/2 - 1 Mile North
AA115	2310	1/2 - 1 Mile SE
X116	CADDW0000016984	1/2 - 1 Mile NNW
X117	CAPFAS000001433	1/2 - 1 Mile NNW
Z118	CAEDF0000087196	1/2 - 1 Mile SSW
Z119	CAEDF0000023990	1/2 - 1 Mile SSW
Z120	CAEDF0000110263	1/2 - 1 Mile SSW
Z121	CAEDF0000104343	1/2 - 1 Mile SSW
Z122	CAEDF0000090238	1/2 - 1 Mile SSW
AA123	CAEDF0000070378	1/2 - 1 Mile SE
Z124	CAEDF0000069179	1/2 - 1 Mile SSW
Z125	CAEDF0000097721	1/2 - 1 Mile SSW
Z126	CAEDF0000139184	1/2 - 1 Mile SSW
Z127	CAEDF0000129932	1/2 - 1 Mile SSW
Z128	CAEDF0000087195	1/2 - 1 Mile SSW
AA129	CAEDF0000084080	1/2 - 1 Mile ESE
AA130	CAEDF0000098991	1/2 - 1 Mile ESE
Z131	CAEDF0000031411	1/2 - 1 Mile SSW
AA132	CAEDF0000008611	1/2 - 1 Mile SE
Z133	CAEDF0000087706	1/2 - 1 Mile SSW
Z134	CAEDF0000128819	1/2 - 1 Mile SSW
Z135	CAEDF0000049359	1/2 - 1 Mile SSW
Z136	CAEDF0000068331	1/2 - 1 Mile SSW
AA137	CAEDF0000031956	1/2 - 1 Mile ESE
AA138	CAEDF0000009323	1/2 - 1 Mile ESE
AA139	CAEDF0000088770	1/2 - 1 Mile SE
AA140	CAEDF0000134074	1/2 - 1 Mile ESE
AA141	CAEDF0000135983	1/2 - 1 Mile ESE
AA142	CAEDF0000064578	1/2 - 1 Mile ESE
AA143	CAEDF0000042137	1/2 - 1 Mile ESE
144	CADWR0000033582	1/2 - 1 Mile NNE
Z145	CAEDF0000107852	1/2 - 1 Mile SSW
Z146	CAEDF0000100375	1/2 - 1 Mile SSW
Z147	CAEDF0000015051	1/2 - 1 Mile SSW
AA148	CAEDF0000006634	1/2 - 1 Mile ESE
AA149	CAEDF0000034804	1/2 - 1 Mile ESE
Z150	CAEDF0000130184	1/2 - 1 Mile SSW
Z151	CAEDF0000011839	1/2 - 1 Mile SSW
AA152	CAEDF0000097889	1/2 - 1 Mile ESE
AA153	CAEDF0000019719	1/2 - 1 Mile ESE
AA154	CAEDF0000019568	1/2 - 1 Mile ESE
AA155	CAEDF0000134603	1/2 - 1 Mile ESE
AA156	CAEDF0000129342	1/2 - 1 Mile ESE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AA157	CAEDF0000039899	1/2 - 1 Mile SE
Z158	CAEDF0000114219	1/2 - 1 Mile SSW
Z159	CAEDF0000112422	1/2 - 1 Mile SSW
AA160	CAEDF0000125524	1/2 - 1 Mile ESE
Z161	CAEDF0000057172	1/2 - 1 Mile SSW
Z162	CAEDF0000129638	1/2 - 1 Mile SSW
Z163	CAEDF0000125340	1/2 - 1 Mile SSW
Z164	CAEDF0000112289	1/2 - 1 Mile SSW
AC166	CADWR8000007601	1/2 - 1 Mile SSW
AC167	CADWR0000026438	1/2 - 1 Mile SSW
AA168	CAEDF0000008428	1/2 - 1 Mile SE
AA169	CAEDF0000003845	1/2 - 1 Mile SE
AA170	CAEDF0000086822	1/2 - 1 Mile SE
AA171	CAEDF0000142333	1/2 - 1 Mile SE
AA172	CAEDF0000097289	1/2 - 1 Mile SE
AA173	CAEDF0000094971	1/2 - 1 Mile SE
AA174	CAEDF0000037407	1/2 - 1 Mile SE
AA175	CAEDF0000003201	1/2 - 1 Mile SE
AD176	CADWR0000027642	1/2 - 1 Mile NW
AD177	CADWR8000007677	1/2 - 1 Mile NW
AA178	CAEDF0000057072	1/2 - 1 Mile ESE
AA179	CAEDF0000107149	1/2 - 1 Mile SE
AA180	CAEDF0000072395	1/2 - 1 Mile SE
AA181	CAEDF0000105519	1/2 - 1 Mile SE
AA182	CAEDF0000051622	1/2 - 1 Mile SE
AA183	CAEDF0000017765	1/2 - 1 Mile SE
AA184	CAEDF0000003468	1/2 - 1 Mile ESE
Z185	CAEDF0000079260	1/2 - 1 Mile SSW
Z186	CAEDF0000060953	1/2 - 1 Mile SSW
Z187	CAEDF0000000873	1/2 - 1 Mile SSW
AA188	CAEDF0000008348	1/2 - 1 Mile SE
AD189	CADDW0000019082	1/2 - 1 Mile NW
AD190	CADDW0000016054	1/2 - 1 Mile NW
AA191	CAEDF0000072983	1/2 - 1 Mile SE
AE192	CAUSGSN00017125	1/2 - 1 Mile West
AA193	CAEDF0000110831	1/2 - 1 Mile ESE
AA194	CAEDF0000114892	1/2 - 1 Mile ESE
AA195	CAEDF0000131048	1/2 - 1 Mile ESE
AA197	CAEDF0000094836	1/2 - 1 Mile SE
AA198	CAEDF0000067103	1/2 - 1 Mile SE
AA199	CAEDF0000046519	1/2 - 1 Mile SE
AA200	CAEDF0000121840	1/2 - 1 Mile SE
AA201	CAEDF0000097852	1/2 - 1 Mile SE
AA202	CAEDF0000075779	1/2 - 1 Mile SE
AA203	CAEDF0000056586	1/2 - 1 Mile SE
AC204	CAEDF0000108354	1/2 - 1 Mile SSW
AF205	CAEDF0000042054	1/2 - 1 Mile ESE
AG206	CADDW0000021381	1/2 - 1 Mile WNW
AF207	CAEDF0000083406	1/2 - 1 Mile SE
AH208	2300	1/2 - 1 Mile North
AH209	CAPFAS000000002	1/2 - 1 Mile North
AH210	CADDW0000004334	1/2 - 1 Mile North

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
AF211	CAEDF0000004571	1/2 - 1 Mile ESE
AF212	CAEDF0000092690	1/2 - 1 Mile SE
AF213	CAEDF0000003046	1/2 - 1 Mile SE
AF214	CADWR0000001031	1/2 - 1 Mile ESE
AF215	CADWR0000006508	1/2 - 1 Mile ESE
AF216	CADWR0000017389	1/2 - 1 Mile ESE
AF217	CAEDF0000051940	1/2 - 1 Mile SE
AF218	CAEDF0000042243	1/2 - 1 Mile SE
AH219	CADWR0000034820	1/2 - 1 Mile North
AH220	CADWR8000007721	1/2 - 1 Mile North
AF221	CAEDF0000087545	1/2 - 1 Mile SE
AF222	CAEDF0000142288	1/2 - 1 Mile SE
AF223	CAEDF0000068136	1/2 - 1 Mile SE
AE224	CADDW0000003242	1/2 - 1 Mile WSW
AF225	CAEDF0000064747	1/2 - 1 Mile SE
AI226	CAEDF0000118410	1/2 - 1 Mile SSW
AJ227	CAEDF0000009648	1/2 - 1 Mile SE
AJ228	CAEDF0000067083	1/2 - 1 Mile SE
AJ229	CAEDF0000081593	1/2 - 1 Mile SE
AF230	CAEDF0000035652	1/2 - 1 Mile ESE
AI231	CAEDF0000045902	1/2 - 1 Mile SSW
AK232	2307	1/2 - 1 Mile ESE
AK233	2306	1/2 - 1 Mile ESE
AK234	CAUSGSN00005582	1/2 - 1 Mile ESE
AK235	CAUSGS000001157	1/2 - 1 Mile ESE
AH236	CADWR0000035652	1/2 - 1 Mile North
AK237	CADDW0000021897	1/2 - 1 Mile ESE
AI238	CAEDF0000112649	1/2 - 1 Mile SSW
AF239	CAEDF0000039850	1/2 - 1 Mile SE
AF240	CAEDF0000125363	1/2 - 1 Mile SE
AF241	CAEDF0000064900	1/2 - 1 Mile SE
AI242	CAEDF0000033887	1/2 - 1 Mile SSW
AF243	CAEDF0000138112	1/2 - 1 Mile SE
AF244	CAEDF0000075169	1/2 - 1 Mile SE
AF245	CAEDF0000066511	1/2 - 1 Mile SE
AI246	CAEDF0000095191	1/2 - 1 Mile SSW
247	CADDW0000016609	1/2 - 1 Mile WNW
AG248	2285	1/2 - 1 Mile WNW
AL249	CAEDF0000128582	1/2 - 1 Mile WNW
AL250	CAEDF0000066369	1/2 - 1 Mile WNW
AL251	CAEDF0000057173	1/2 - 1 Mile WNW
AL252	CAEDF0000073438	1/2 - 1 Mile WNW
AL253	CAEDF0000114982	1/2 - 1 Mile WNW
AL254	CAEDF0000047068	1/2 - 1 Mile WNW
AL255	CAEDF0000055709	1/2 - 1 Mile WNW
AL256	CAEDF0000124092	1/2 - 1 Mile WNW
AL257	CAEDF0000129194	1/2 - 1 Mile WNW
258	CADWR8000007614	1/2 - 1 Mile SE
AL259	CAEDF0000033116	1/2 - 1 Mile WNW
AK260	CADDW0000018384	1/2 - 1 Mile ESE
AK261	CADDW0000010336	1/2 - 1 Mile ESE
262	CADWR0000022804	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

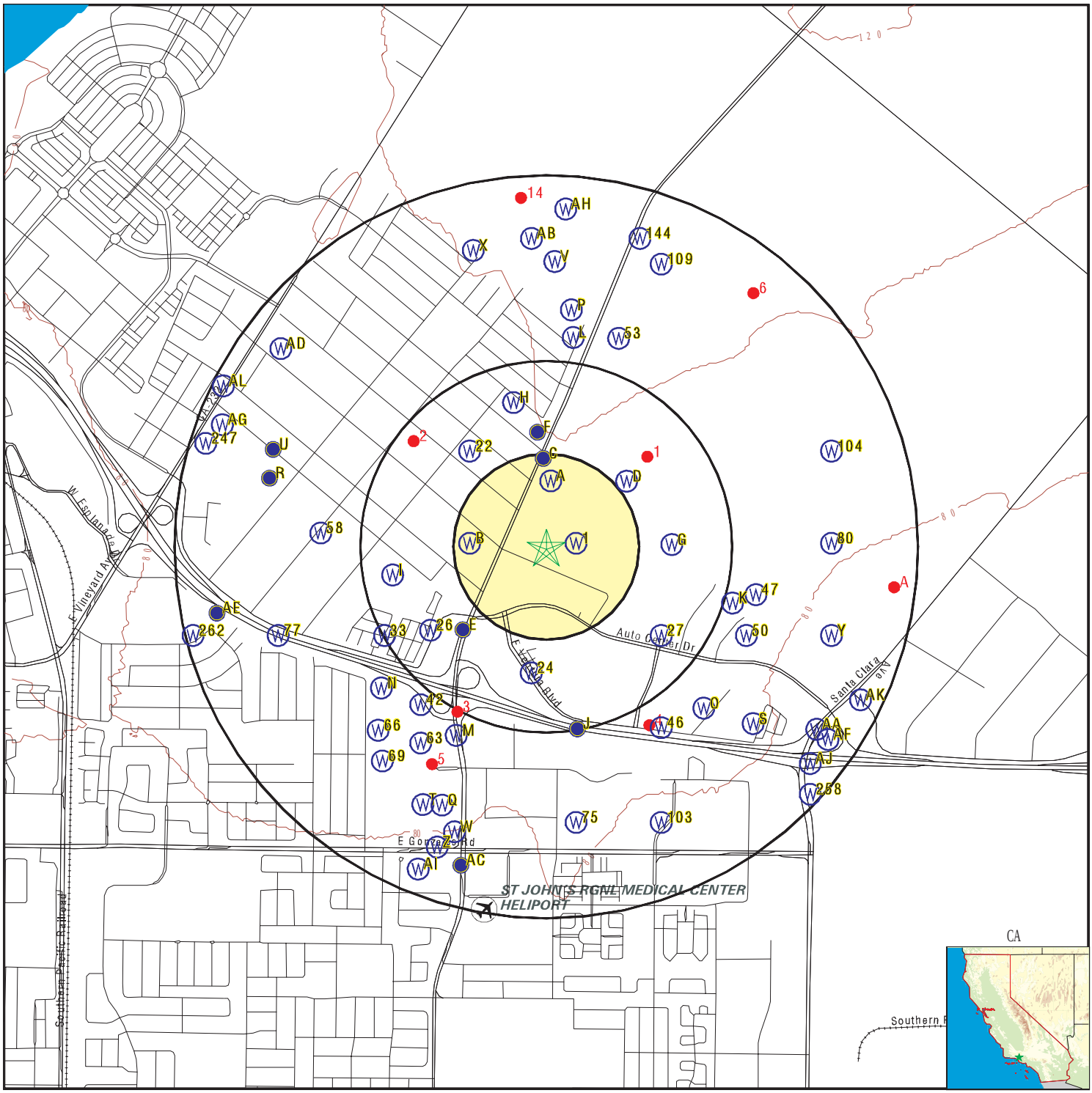
MAP ID	WELL ID	LOCATION FROM TP
AL263	CAEDF0000033959	1/2 - 1 Mile WNW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG14000000488	1/4 - 1/2 Mile NE
2	CAOG14000000464	1/4 - 1/2 Mile NW
3	CAOG14000000460	1/2 - 1 Mile SSW
4	CAOG14000000458	1/2 - 1 Mile SSE
5	CAOG14000000461	1/2 - 1 Mile SSW
6	CAOG14000000489	1/2 - 1 Mile NE
A7	CAOG14000209328	1/2 - 1 Mile East
A8	CAOG14000209319	1/2 - 1 Mile East
A9	CAOG14000209320	1/2 - 1 Mile East
A10	CAOG14000209350	1/2 - 1 Mile East
A11	CAOG14000209349	1/2 - 1 Mile East
A12	CAOG14000209352	1/2 - 1 Mile East
A13	CAOG14000209324	1/2 - 1 Mile East
14	CAOG14000000459	1/2 - 1 Mile North
A15	CAOG14000209329	1/2 - 1 Mile East
A16	CAOG14000209340	1/2 - 1 Mile East
A17	CAOG14000209336	1/2 - 1 Mile East
A18	CAOG14000209337	1/2 - 1 Mile East
A19	CAOG14000209343	1/2 - 1 Mile East
A20	CAOG14000209344	1/2 - 1 Mile East
A21	CAOG14000209348	1/2 - 1 Mile East
A22	CAOG14000209338	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 6441237.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Rio Del Valle Middle School Expansion Phase I ESA	CLIENT:	Tetra Tech, Inc.
ADDRESS:	2600 North Rose Avenue Oxnard CA 93036	CONTACT:	Jim Steele
LAT/LONG:	34.230764 / 119.154406	INQUIRY #:	6441237.2s
		DATE:	April 08, 2021 1:16 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
East
0 - 1/8 Mile
Higher | **CA WELLS** | **CADWR0000005867**

Well ID:	02N22W26G001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W26G001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26G001S&store_num=		
GeoTracker Data:	Not Reported		

A2
NNE
1/8 - 1/4 Mile
Higher | **CA WELLS** | **2312**

Seq:	2312	Prim sta c:	02N/22W-26B03 S
Frds no:	5610046016	County:	56
District:	06	User id:	TAP
System no:	5610046	Water type:	G
Source nam:	WELL 14	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341359.7	Longitude:	1190910.6
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5610046	System nam:	United Wtr Cons Dist
Hqname:	Not Reported	Address:	106 N. 8th Street
City:	Santa Paula	State:	CA
Zip:	93060	Zip ext:	Not Reported
Pop serv:	0	Connection:	16
Area serve:	OXNARD-PORT HUENEME		

Sample date:	07-MAR-18	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-MAR-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	23-FEB-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-FEB-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-JAN-18	Finding:	940.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	22-JAN-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	22-JAN-18	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	441.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JAN-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-JAN-18	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-JAN-18	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-DEC-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-DEC-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-NOV-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	12.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1.3
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	0.62
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	31-OCT-17	Finding:	10.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	31-OCT-17	Finding:	8.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	516.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	139.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	41.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	100.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	31-OCT-17	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	150.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	90.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	31-OCT-17	Finding:	950.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1.
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	25.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	451.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-OCT-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-SEP-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-SEP-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-AUG-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-AUG-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-AUG-17	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	25-JUL-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-17	Finding:	451.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-JUL-17	Finding:	2.87
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	940.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	2.62
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-17	Finding:	1320.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	6.43
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	03-JUL-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUN-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUN-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-JUN-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAY-17	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	15-MAY-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAY-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-MAY-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-APR-17	Finding:	3.13
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-APR-17	Finding:	513.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	138.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	41.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	100.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	49.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	19-APR-17	Finding:	437.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	200.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	2.69
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	950.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	27.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	451.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	13.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.1
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	8.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-FEB-17	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-FEB-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	24-JAN-17	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JAN-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-JAN-17	Finding:	940.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-JAN-17	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	457.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-JAN-17	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-DEC-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-DEC-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-NOV-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-NOV-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-NOV-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-NOV-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	27-OCT-16	Finding:	39.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.9
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	458.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	27-OCT-16	Finding:	31.6
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	27-OCT-16	Finding:	0.7
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	960.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	27-OCT-16	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	27-OCT-16	Finding:	461.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-OCT-16	Finding:	48.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	27-OCT-16	Finding:	495.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	134.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	89.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-OCT-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-OCT-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-OCT-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-SEP-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-SEP-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-AUG-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-AUG-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUL-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	398.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUL-16	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUL-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUN-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JUN-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUN-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	24-MAY-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAY-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAY-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAY-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-APR-16	Finding:	0.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-APR-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	110.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	50.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	05-APR-16	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.5
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	31.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	440.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	05-APR-16	Finding:	1.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	21.9
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	49.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	88.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	38.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	121.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	458.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported

Dlr:	0.		
Sample date:	05-APR-16	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-MAR-16	Finding:	1.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAR-16	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAR-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-MAR-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-FEB-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-FEB-16	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JAN-16	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-16	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	960.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	12-JAN-16	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-JAN-16	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-DEC-15	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-15	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-DEC-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-DEC-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-DEC-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-NOV-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-NOV-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-NOV-15	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-15	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-OCT-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	1350.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-OCT-15	Finding:	499.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	134.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	40.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	96.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	54.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-OCT-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	20.5
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	19-OCT-15	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	90.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		

Sample date:	19-OCT-15	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	4.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-OCT-15	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	28.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	163.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-OCT-15	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-OCT-15	Finding:	1.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-SEP-15	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-SEP-15	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-SEP-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-15	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-15	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	18-AUG-15	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	1.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-AUG-15	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-15	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JUL-15	Finding:	1.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JUL-15	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-JUL-15	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	1.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-15	Finding:	1.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-15	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUL-15	Finding:	1.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUL-15	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	22-JUN-15	Finding:	6.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-15	Finding:	6.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUN-15	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUN-15	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAY-15	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAY-15	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAY-15	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-APR-15	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-APR-15	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	351.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	11.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-APR-15	Finding:	22.5
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	2.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	14-APR-15	Finding:	4.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	14-APR-15	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	50.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	14-APR-15	Finding:	60.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	20.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	51.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	100.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	43.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	133.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	509.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	14-APR-15	Finding:	6.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1320.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-APR-15	Finding:	5.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-APR-15	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-15	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-MAR-15	Finding:	4.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAR-15	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAR-15	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-15	Finding:	8.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-FEB-15	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-FEB-15	Finding:	6.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JAN-15	Finding:	6.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	990.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	20-JAN-15	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-DEC-14	Finding:	6.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-DEC-14	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-DEC-14	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-NOV-14	Finding:	5.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-NOV-14	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-NOV-14	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-14	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-OCT-14	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-OCT-14	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-14	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-14	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	15-OCT-14	Finding:	24.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	386.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		

Sample date:	15-OCT-14	Finding:	11.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	1100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-OCT-14	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	6.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	15-OCT-14	Finding:	550.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	148.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	44.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	105.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	49.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-OCT-14	Finding:	21.1
Chemical:	BARIUM	Report units:	UG/L

Dlr:	100.		
Sample date:	15-OCT-14	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	130.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	90.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	08-OCT-14	Finding:	5.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-14	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-SEP-14	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-14	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-SEP-14	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-14	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-14	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-14	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-AUG-14	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JUL-14	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUL-14	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	17-JUL-14	Finding:	505.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JUL-14	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	4.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-APR-14	Finding:	200.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-APR-14	Finding:	40.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	16-APR-14	Finding:	1.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-APR-14	Finding:	4.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-APR-14	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-APR-14	Finding:	29.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	383.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	16-APR-14	Finding:	13.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-APR-14	Finding:	1000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-APR-14	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-APR-14	Finding:	21.8
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	16-APR-14	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

Dlr:	0.1		
Sample date:	16-APR-14	Finding:	466.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-APR-14	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	98.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	43.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	142.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	531.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	16-APR-14	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-APR-14	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-APR-14	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-APR-14	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	28-JAN-14	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	0.538
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1.
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	3.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	08-OCT-13	Finding:	28.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	457.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	12.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-13	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.478
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	08-OCT-13	Finding:	0.332
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.36
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	08-OCT-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	08-OCT-13	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-OCT-13	Finding:	588.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	158.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	47.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	103.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	52.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-OCT-13	Finding:	21.3
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	80.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	08-OCT-13	Finding:	3.3e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	09-JUL-13	Finding:	2.56
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	09-JUL-13	Finding:	3.26
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	7.85
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	09-JUL-13	Finding:	520.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUL-13	Finding:	4.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUL-13	Finding:	1.06
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	0.414
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	2.52
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	49.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-APR-13	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-APR-13	Finding:	22.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	700.
Chemical:	BORON	Report units:	UG/L

Dlr:	100.		
Sample date:	10-APR-13	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	10-APR-13	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	4.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-APR-13	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	10-APR-13	Finding:	25.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	457.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	13.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-APR-13	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	103.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	44.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	151.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	558.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	10-APR-13	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-APR-13	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	8.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	500.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	26.5
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	6.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	16-OCT-12	Finding:	340.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	16-OCT-12	Finding:	280.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L

Dlr:	100.		
Sample date:	16-OCT-12	Finding:	23.5
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-OCT-12	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	100.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	44.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	146.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	545.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	16-OCT-12	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	8.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	4.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		

Sample date:	16-OCT-12	Finding:	1.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	214.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	13.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1.9
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	1100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JUL-12	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JUL-12	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	431.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	27.
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	2.
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	0.7
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	17-APR-12	Finding:	800.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	17-APR-12	Finding:	800.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	24.9
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-APR-12	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	101.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	44.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	151.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	558.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	0.5
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	17-APR-12	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	17-APR-12	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-JAN-12	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JAN-12	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

A3
North
1/8 - 1/4 Mile
Higher

CA WELLS **2314**

Seq:	2314	Prim sta c:	02N/22W-26C03 S
Frds no:	5602406001	County:	56
District:	06	User id:	TAP
System no:	5602406	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341400.0	Longitude:	1190912.0
Precision:	2	Status:	AR
Comment 1:	OXNARD	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5602406	System nam:	Rio School Dist/Rio Del Valle School
Hqname:	Not Reported	Address:	3300 CORTEZ STREET
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	550	Connection:	196
Area serve:	Not Reported		

A4
North
1/8 - 1/4 Mile
Higher

CA WELLS **CADDW0000016796**

Well ID:	5602406-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5602406-001&store_num=
GeoTracker Data: Not Reported

B5
West
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR0000009331**

Well ID: 02N22W26F001S Well Type: UNK
Source: Department of Water Resources
Other Name: 02N22W26F001S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26F001S&store_num=
GeoTracker Data: Not Reported

B6
West
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR0000030031**

Well ID: 02N22W26F099S Well Type: UNK
Source: Department of Water Resources
Other Name: 02N22W26F099S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26F099S&store_num=
GeoTracker Data: Not Reported

B7
West
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR0000003233**

Well ID: 02N22W26F002S Well Type: UNK
Source: Department of Water Resources
Other Name: 02N22W26F002S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26F002S&store_num=
GeoTracker Data: Not Reported

B8
West
1/8 - 1/4 Mile
Higher

CA WELLS **CADWR0000020422**

Well ID: 02N22W26F003S Well Type: UNK
Source: Department of Water Resources
Other Name: 02N22W26F003S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26F003S&store_num=
GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C9
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAUSGSN00003167**

Well ID:	USGS-341402119091401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-341402119091401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-341402119091401&store_num=		
GeoTracker Data:	Not Reported		

C10
North
1/8 - 1/4 Mile
Higher

FED USGS **USGS40000142603**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W26C003S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19481201	Well Depth:	240
Well Depth Units:	ft	Well Hole Depth:	240
Well Hole Depth Units:	ft		

C11
North
1/8 - 1/4 Mile
Higher

CA WELLS **CADDW0000009376**

Well ID:	5610046-016	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 14	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610046-016&store_num=		
GeoTracker Data:	Not Reported		

C12
North
1/8 - 1/4 Mile
Higher

CA WELLS **CAPFAS000000996**

Well ID:	5610046-016	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 14	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610046-016&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D13
NE
1/4 - 1/2 Mile
Higher | **CA WELLS** | **2315**

Seq:	2315	Prim sta c:	02N/22W-26C05 S
Frds no:	5610056002	County:	56
District:	06	User id:	TAP
System no:	5610056	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1190900.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5610056	System nam:	Vineyard Ave Estates Mwc - El Rio
Hqname:	Not Reported	Address:	P O BOX 5065
City:	OXNARD	State:	Not Reported
Zip:	93031	Zip ext:	Not Reported
Pop serv:	1200	Connection:	344
Area serve:	EL RIO		
Sample date:	08-APR-16	Finding:	38.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-JAN-16	Finding:	33.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-OCT-15	Finding:	36.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-SEP-15	Finding:	82.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	36000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-SEP-15	Finding:	12.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	02-SEP-15	Finding:	0.8
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	2100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	02-SEP-15	Finding:	55.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	02-SEP-15	Finding:	2540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	280.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	350.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	36.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-SEP-15	Finding:	1240.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	313.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	112.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	141.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	1.7
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	7.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	02-SEP-15	Finding:	1020.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-SEP-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	02-SEP-15	Finding:	6.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	02-SEP-15	Finding:	49.7
Chemical:	BARIUM	Report units:	UG/L

Dlr:	100.		
Sample date:	02-SEP-15	Finding:	900.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-SEP-15	Finding:	4.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	02-SEP-15	Finding:	60.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-SEP-15	Finding:	3.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	04-AUG-15	Finding:	35.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAY-14	Finding:	94.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-14	Finding:	92.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-14	Finding:	97.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-FEB-14	Finding:	84.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-14	Finding:	9.09
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	02-JAN-14	Finding:	2.45
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-JAN-14	Finding:	7.67
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	02-JAN-14	Finding:	76.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-14	Finding:	1.67
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-JAN-14	Finding:	2.22
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	02-JAN-14	Finding:	0.343
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-DEC-13	Finding:	77.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-13	Finding:	60.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-13	Finding:	42.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-13	Finding:	37.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-AUG-13	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-13	Finding:	9.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-MAR-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-FEB-13	Finding:	7.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JAN-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-NOV-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-SEP-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-AUG-12	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	03-MAY-12	Finding:	6.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-12	Finding:	6.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAR-12	Finding:	6.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-FEB-12	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JAN-12	Finding:	6.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

D14
NE
1/4 - 1/2 Mile
Higher

CA WELLS 2313

Seq:	2313	Prim sta c:	02N/22W-26C01 S
Frds no:	5610056001	County:	56
District:	06	User id:	TAP
System no:	5610056	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1190900.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5610056	System nam:	Vineyard Ave Estates Mwc - El Rio
Hqname:	Not Reported	Address:	P O BOX 5065
City:	OXNARD	State:	Not Reported
Zip:	93031	Zip ext:	Not Reported
Pop serv:	1200	Connection:	344
Area serve:	EL RIO		
Sample date:	02-APR-15	Finding:	240.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JAN-15	Finding:	224.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-DEC-14	Finding:	202.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-NOV-14	Finding:	204.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	01-OCT-14	Finding:	306.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	4.53
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	42000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-OCT-14	Finding:	12.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	01-OCT-14	Finding:	2.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	01-OCT-14	Finding:	0.8
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	2020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	4.87
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	71.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	01-OCT-14	Finding:	4.
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	01-OCT-14	Finding:	9.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	01-OCT-14	Finding:	50.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	01-OCT-14	Finding:	190.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-OCT-14	Finding:	900.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	01-OCT-14	Finding:	49.5
Chemical:	BARIUM	Report units:	UG/L

Dlr:	100.		
Sample date:	01-OCT-14	Finding:	7.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	01-OCT-14	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	01-OCT-14	Finding:	810.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-OCT-14	Finding:	92.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	7.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	2500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	280.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	350.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	1230.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	114.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	144.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	01-OCT-14	Finding:	1.8
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	01-OCT-13	Finding:	82.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-13	Finding:	92.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	01-AUG-13	Finding:	65.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUN-13	Finding:	26.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-13	Finding:	22.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAY-12	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-APR-12	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAR-12	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAR-12	Finding:	0.394
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-MAR-12	Finding:	0.203
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-JAN-12	Finding:	6.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

C15
North
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000018231**

Well ID:	5610056-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610056-002&store_num=		
GeoTracker Data:	Not Reported		

E16
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000142583**

Organization ID:	USGS-CA
Organization Name:	USGS California Water Science Center

Monitor Location:	002N022W26M001S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	196
Well Depth Units:	ft	Well Hole Depth:	196
Well Hole Depth Units:	ft		

F17
North
1/4 - 1/2 Mile
Higher

CA WELLS **CAUSGSN00001929**

Well ID:	USGS-341407119091401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-341407119091401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-341407119091401&store_num=		
GeoTracker Data:	Not Reported		

D18
NE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000000131**

Well ID:	5610056-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - STANDBY	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610056-001&store_num=		
GeoTracker Data:	Not Reported		

G19
East
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000029444**

Well ID:	02N22W26H002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W26H002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26H002S&store_num=		
GeoTracker Data:	Not Reported		

F20
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000142609**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W26C005S	Type:	Well

Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19570201	Well Depth:	380
Well Depth Units:	ft	Well Hole Depth:	380
Well Hole Depth Units:	ft		

E21
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000013340**

Well ID:	02N22W26L003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W26L003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26L003S&store_num=		
GeoTracker Data:	Not Reported		

22
NW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000021598**

Well ID:	02N22W26C005S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W26C005S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26C005S&store_num=		
GeoTracker Data:	Not Reported		

E23
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW0000002857**

Well ID:	5602113-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5602113-001&store_num=		
GeoTracker Data:	Not Reported		

24
South
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000142574**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W26L003S	Type:	Well
Description:	Not Reported	HUC:	18070103

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	555
Well Depth Units:	ft	Well Hole Depth:	555
Well Hole Depth Units:	ft		

G25
East
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR8000007651**

State Well #:	02N22W26H002S	Station ID:	46119
Well Name:	02N22W26H02S	Well Use:	Irrigation
Well Type:	Single Well	Well Depth:	680
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

26
SW
1/4 - 1/2 Mile
Lower

CA WELLS **2317**

Seq:	2317	Prim sta c:	02N/22W-26M01 S
Frds no:	5602113001	County:	56
District:	06	User id:	TAP
System no:	5602113	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341339.0	Longitude:	1190932.0
Precision:	2	Status:	AR
Comment 1:	WELL IS LOCATED AT SOUTH END OF THE MOBILE HOME PARK AT 1301 VENTURA		
Comment 2:	OXNARD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported

System no:	5602113	System nam:	Royal Duke Mobile Home Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	216	Connection:	0
Area serve:	Not Reported		

27
SE
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000002178**

Well ID:	02N22W26J001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W26J001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26J001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H28
North
1/4 - 1/2 Mile
Higher

CA WELLS **2284**

Seq:	2284	Prim sta c:	02N/22W-22Q03 S
Frds no:	5602106002	County:	56
District:	86	User id:	56C
System no:	5602106	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341411.0	Longitude:	1190917.0
Precision:	2	Status:	AR
Comment 1:	WELL IS MORE NORTHERLY OF THE TWO	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5602106	System nam:	El Rio Mutual Water Co
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

H29
NNW
1/4 - 1/2 Mile
Higher

CA WELLS **2283**

Seq:	2283	Prim sta c:	02N/22W-22Q02 S
Frds no:	5602106001	County:	56
District:	86	User id:	56C
System no:	5602106	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341411.0	Longitude:	1190919.0
Precision:	2	Status:	AR
Comment 1:	WELL IS MORE SOUTHERLY OF THE TWO	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5602106	System nam:	El Rio Mutual Water Co
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

I30
West
1/4 - 1/2 Mile
Lower

CA WELLS **2316**

Seq:	2316	Prim sta c:	02N/22W-26E01 S
Frds no:	5602408001	County:	56
District:	06	User id:	TAP
System no:	5602408	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE

Latitude:	341347.0	Longitude:	1190938.0
Precision:	2	Status:	AR
Comment 1:	1140 KENNEY STREET, EL RIO	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5602408	System nam:	Rio Real School
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	570	Connection:	0
Area serve:	Not Reported		

I31
West
1/4 - 1/2 Mile
Lower

CA WELLS **CADDW0000003976**

Well ID:	5602408-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - AGRICULTURAL - INACTIVE		
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5602408-001&store_num=		
GeoTracker Data:	Not Reported		

J32
South
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000014478**

Well ID:	02N22W26Q001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W26Q001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26Q001S&store_num=		
GeoTracker Data:	Not Reported		

33
WSW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000035954**

Well ID:	02N22W26M001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W26M001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26M001S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J34
South
1/2 - 1 Mile
Lower

FED USGS **USGS40000142569**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W26Q001S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	210
Well Depth Units:	ft	Well Hole Depth:	210
Well Hole Depth Units:	ft		

K35
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000009889**

Well ID:	T0611161955-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611161955&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611161955&assigned_name=MW5		

K36
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000124534**

Well ID:	T0611161955-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611161955&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611161955&assigned_name=MW4		

K37
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000135045**

Well ID:	T0611161955-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611161955&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611161955&assigned_name=MW2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L38
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000018015**

Well ID:	02N22W23Q001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W23Q001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W23Q001S&store_num=		
GeoTracker Data:	Not Reported		

K39
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003166**

Well ID:	T0611161955-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611161955&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611161955&assigned_name=MW1		

M40
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000005675**

Well ID:	02N22W26P001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W26P001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26P001S&store_num=		
GeoTracker Data:	Not Reported		

K41
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000048155**

Well ID:	T0611161955-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611161955&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611161955&assigned_name=MW3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

42
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000048236**

Well ID:	T061119012-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-22		

K43
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000022758**

Well ID:	02N22W25E001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W25E001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25E001S&store_num=		
GeoTracker Data:	Not Reported		

M44
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073294**

Well ID:	T061119012-MW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-26		

N45
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000127615**

Well ID:	T061119012-MW-28	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-28		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

46
SSE | **CA WELLS** | **CADWR0000000539**
1/2 - 1 Mile
Lower

Well ID:	02N22W26R005S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W26R005S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W26R005S&store_num=		
GeoTracker Data:	Not Reported		

47
ESE | **FED USGS** | **USGS40000142589**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W25E001S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	184
Well Depth Units:	ft	Well Hole Depth:	190
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1975-04-01
Feet below surface:	40	Feet to sea level:	Not Reported
Note:	Not Reported		

O48
SE | **CA WELLS** | **CAEDF0000093585**
1/2 - 1 Mile
Lower

Well ID:	T0611100198-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100198&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100198&assigned_name=MW-14		

O49
SE | **CA WELLS** | **CAEDF0000083137**
1/2 - 1 Mile
Lower

Well ID:	T0611100198-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100198&assigned_name=MW-13&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100198&assigned_name=MW-13

50
ESE **CA WELLS** **CADWR0000009631**
1/2 - 1 Mile
Lower

Well ID:	02N22W25M001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W25M001S	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25M001S&store_num=
GeoTracker Data: Not Reported

L51
North **CA WELLS** **CAPFAS000000581**
1/2 - 1 Mile
Higher

Well ID:	5610046-013	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 11	GAMA PFAS Testing:	Yes

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610046-013&store_num=
GeoTracker Data: Not Reported

L52
North **CA WELLS** **CADDW0000010347**
1/2 - 1 Mile
Higher

Well ID:	5610046-013	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 11	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610046-013&store_num=
GeoTracker Data: Not Reported

53
NNE **CA WELLS** **CADWR8000007685**
1/2 - 1 Mile
Higher

State Well #:	02N22W23K003S	Station ID:	27401
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

O54
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075406**

Well ID:	T0611100198-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100198&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100198&assigned_name=MW-15		

N55
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000098070**

Well ID:	T061119012-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-21		

M56
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000107725**

Well ID:	T061119012-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-25		

O57
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000134250**

Well ID:	T0611100198-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100198&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100198&assigned_name=MW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

58
West
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114421**

Well ID:	T0611101145-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611101145&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611101145&assigned_name=MW-1		

O59
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000143311**

Well ID:	T0611100198-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100198&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100198&assigned_name=MW-18		

O60
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000127707**

Well ID:	T0611100198-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100198&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100198&assigned_name=MW-17		

P61
North
1/2 - 1 Mile
Higher

CA WELLS **22660**

Seq:	22660	Prim sta c:	F56/046-STA--01
Frds no:	5610046001	County:	56
District:	06	User id:	TAP
System no:	5610046	Water type:	G
Source nam:	SAMPLE STATION 01	Station ty:	DIST/AMBNT/MUN/INTAKE
Latitude:	341423.8	Longitude:	1190909.4
Precision:	3	Status:	AT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported

Comment 7:	Not Reported		
System no:	5610046	System nam:	United Wtr Cons Dist
Hqname:	Not Reported	Address:	106 N. 8th Street
City:	Santa Paula	State:	CA
Zip:	93060	Zip ext:	Not Reported
Pop serv:	0	Connection:	16
Area serve:	OXNARD-PORT HUENEME		
Sample date:	01-MAR-18	Finding:	507.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-MAR-18	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-18	Finding:	1540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-MAR-18	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-FEB-18	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-FEB-18	Finding:	8.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-FEB-18	Finding:	506.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-FEB-18	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-FEB-18	Finding:	21.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-FEB-18	Finding:	323.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	12-FEB-18	Finding:	1520.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-FEB-18	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-FEB-18	Finding:	7.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JAN-18	Finding:	2.21

Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	0.949
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	1140.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	2.32
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	22-JAN-18	Finding:	2.85
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	538.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-JAN-18	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JAN-18	Finding:	1510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-JAN-18	Finding:	0.342
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-JAN-18	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-JAN-18	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-JAN-18	Finding:	7.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-DEC-17	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-DEC-17	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-17	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-DEC-17	Finding:	8.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	13-DEC-17	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-DEC-17	Finding:	495.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-DEC-17	Finding:	7.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-NOV-17	Finding:	7.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	7.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-NOV-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-NOV-17	Finding:	23.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-NOV-17	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-NOV-17	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-NOV-17	Finding:	329.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	2.34
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	5.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	1.28
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	11.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	4.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	5.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	7.1
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	582.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	149.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	51.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	98.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.47
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	57.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	475.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	31-OCT-17	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	8.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	31-OCT-17	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	7.98
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	31-OCT-17	Finding:	2.55
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1.62
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	26-OCT-17	Finding:	40.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	26-OCT-17	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-OCT-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-OCT-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	05-OCT-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	26-SEP-17	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-SEP-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L

Dlr:	20.		
Sample date:	12-SEP-17	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-SEP-17	Finding:	505.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-SEP-17	Finding:	7.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-SEP-17	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-SEP-17	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-AUG-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	28-AUG-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-17	Finding:	6.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-17	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-17	Finding:	22.4
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	09-AUG-17	Finding:	24.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-AUG-17	Finding:	6.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-AUG-17	Finding:	388.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	02-AUG-17	Finding:	529.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-AUG-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-AUG-17	Finding:	1510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-AUG-17	Finding:	1100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	25-JUL-17	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	13-JUL-17	Finding:	4.79
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	13-JUL-17	Finding:	1.35
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-17	Finding:	478.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	13-JUL-17	Finding:	0.47
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	1.48
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	3.4
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	13-JUL-17	Finding:	1090.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	1.31
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JUL-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L

Dlr:	20.		
Sample date:	03-JUL-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUN-17	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUN-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	20-JUN-17	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-JUN-17	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	492.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUN-17	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	1440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-JUN-17	Finding:	1090.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAY-17	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAY-17	Finding:	21.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-MAY-17	Finding:	346.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-MAY-17	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	10-MAY-17	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-MAY-17	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-MAY-17	Finding:	496.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-MAY-17	Finding:	1100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-MAY-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	04-MAY-17	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-APR-17	Finding:	7.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	0.47
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-APR-17	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	7.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	562.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	141.
Chemical:	CALCIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	19-APR-17	Finding:	51.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	95.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	55.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	463.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-APR-17	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-APR-17	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	8.41
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	19-APR-17	Finding:	2.73
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	4.66
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	19-APR-17	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	0.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	0.4
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.51
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	19-APR-17	Finding:	7.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	2.56
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-APR-17	Finding:	8.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-17	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-MAR-17	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-MAR-17	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-MAR-17	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-17	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-MAR-17	Finding:	6.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-17	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-MAR-17	Finding:	476.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-MAR-17	Finding:	9.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-FEB-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	21-FEB-17	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-17	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-17	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L

Dlr:	20.		
Sample date:	09-FEB-17	Finding:	40.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	08-FEB-17	Finding:	262.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-FEB-17	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-FEB-17	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-FEB-17	Finding:	20.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	513.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-FEB-17	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-17	Finding:	1430.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-FEB-17	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-JAN-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JAN-17	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-JAN-17	Finding:	495.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JAN-17	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	1.24
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	09-JAN-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-JAN-17	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JAN-17	Finding:	4.24
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	05-JAN-17	Finding:	7.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-DEC-16	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-16	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-DEC-16	Finding:	513.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-DEC-16	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-DEC-16	Finding:	1510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-DEC-16	Finding:	1130.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-NOV-16	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-NOV-16	Finding:	6.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-NOV-16	Finding:	0.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	09-NOV-16	Finding:	1100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-NOV-16	Finding:	19.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	09-NOV-16	Finding:	225.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-NOV-16	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-NOV-16	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-NOV-16	Finding:	511.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-NOV-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	48.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	148.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	60.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	523.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-OCT-16	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	27-OCT-16	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	27-OCT-16	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	27-OCT-16	Finding:	40.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	27-OCT-16	Finding:	4.72
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		

Sample date:	27-OCT-16	Finding:	2.2
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	3.45
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	27-OCT-16	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.7
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	1.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	27-OCT-16	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	1.17
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	5.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	2.21
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	87.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	567.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-OCT-16	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	1490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	27-OCT-16	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported

Dlr:	0.		
Sample date:	27-OCT-16	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	25-OCT-16	Finding:	6.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-OCT-16	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-OCT-16	Finding:	7.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-OCT-16	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-16	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-16	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-SEP-16	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-SEP-16	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-16	Finding:	515.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-SEP-16	Finding:	6.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-16	Finding:	1530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-SEP-16	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-AUG-16	Finding:	6.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-16	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	11-AUG-16	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	160.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	11-AUG-16	Finding:	19.6
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-AUG-16	Finding:	0.9
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	04-AUG-16	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-AUG-16	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-AUG-16	Finding:	446.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	26-JUL-16	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	422.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUL-16	Finding:	1.54
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	0.96
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	1.69
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	12-JUL-16	Finding:	2.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	1380.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	2.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	06-JUL-16	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUN-16	Finding:	3.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-16	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUN-16	Finding:	60.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	14-JUN-16	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUN-16	Finding:	7.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-JUN-16	Finding:	7.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	1560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-JUN-16	Finding:	1100.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAY-16	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAY-16	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-MAY-16	Finding:	424.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-MAY-16	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	09-MAY-16	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAY-16	Finding:	27.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-MAY-16	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-MAY-16	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAY-16	Finding:	520.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-MAY-16	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-APR-16	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-16	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-APR-16	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	538.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	135.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	49.
Chemical:	MAGNESIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	05-APR-16	Finding:	90.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	62.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-APR-16	Finding:	25.6
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	3.13
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	05-APR-16	Finding:	2.12
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	6.66
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	05-APR-16	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		

Sample date:	05-APR-16	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1.64
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	5.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	2.33
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1560.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-APR-16	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-16	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAR-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAR-16	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-MAR-16	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-MAR-16	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	01-MAR-16	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-FEB-16	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-FEB-16	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-FEB-16	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-FEB-16	Finding:	24.6
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-FEB-16	Finding:	300.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-FEB-16	Finding:	6.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-FEB-16	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-FEB-16	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JAN-16	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-16	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	7.81
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		

Sample date:	12-JAN-16	Finding:	2.59
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	1.5
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	1.94
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	4.15
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	04-JAN-16	Finding:	6.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-DEC-15	Finding:	6.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-15	Finding:	6.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-DEC-15	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-DEC-15	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-DEC-15	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-DEC-15	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-DEC-15	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	01-DEC-15	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-NOV-15	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-NOV-15	Finding:	5.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-NOV-15	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-NOV-15	Finding:	293.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	12-NOV-15	Finding:	23.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-NOV-15	Finding:	1.2
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	03-NOV-15	Finding:	1470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-NOV-15	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-15	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-NOV-15	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-OCT-15	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	95.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-OCT-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	19-OCT-15	Finding:	4.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-OCT-15	Finding:	24.3
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	19-OCT-15	Finding:	50.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	19-OCT-15	Finding:	2.17
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	3.8
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	19-OCT-15	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1.4
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	4400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	1.97
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	19-OCT-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	55.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	49.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	148.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	7.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	571.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	13-OCT-15	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-15	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-OCT-15	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-SEP-15	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-SEP-15	Finding:	5.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	08-SEP-15	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-15	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-SEP-15	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-SEP-15	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-SEP-15	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-AUG-15	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-15	Finding:	21.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-AUG-15	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-AUG-15	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-AUG-15	Finding:	20.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	1090.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-AUG-15	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-AUG-15	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	03-AUG-15	Finding:	5.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JUL-15	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	21-JUL-15	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-JUL-15	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	3.02
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	1.06
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	2.6
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	21-JUL-15	Finding:	1490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JUL-15	Finding:	4.29
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	21-JUL-15	Finding:	3.32
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-15	Finding:	20.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-JUL-15	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-JUL-15	Finding:	21.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	4.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUL-15	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-JUL-15	Finding:	21.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUN-15	Finding:	23.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-15	Finding:	25.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUN-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUN-15	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JUN-15	Finding:	1530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JUN-15	Finding:	1140.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-JUN-15	Finding:	22.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-MAY-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAY-15	Finding:	26.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAY-15	Finding:	310.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	12-MAY-15	Finding:	29.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAY-15	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	12-MAY-15	Finding:	26.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	540.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	05-MAY-15	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-MAY-15	Finding:	29.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-APR-15	Finding:	29.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-APR-15	Finding:	26.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	1.3
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	30.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1130.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	4.26
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	14-APR-15	Finding:	1.23
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	14-APR-15	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	26.9
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	14-APR-15	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	570.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	63.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	98.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	56.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	147.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	597.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-APR-15	Finding:	6800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-APR-15	Finding:	1.23
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	07-APR-15	Finding:	27.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-APR-15	Finding:	27.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-15	Finding:	28.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-MAR-15	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAR-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAR-15	Finding:	1130.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-MAR-15	Finding:	550.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-MAR-15	Finding:	1520.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-MAR-15	Finding:	29.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-15	Finding:	28.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	27.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-FEB-15	Finding:	520.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-FEB-15	Finding:	1570.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-FEB-15	Finding:	27.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	09-FEB-15	Finding:	24.9
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-FEB-15	Finding:	305.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-FEB-15	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	03-FEB-15	Finding:	29.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JAN-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	1.33
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	29.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	2.63
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	5.49
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	20-JAN-15	Finding:	550.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-JAN-15	Finding:	1510.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	2.79
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	4.45
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	13-JAN-15	Finding:	33.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	06-JAN-15	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-DEC-14	Finding:	29.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-DEC-14	Finding:	26.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-DEC-14	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-DEC-14	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	01-DEC-14	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-NOV-14	Finding:	22.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-NOV-14	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-NOV-14	Finding:	278.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	04-NOV-14	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-NOV-14	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-NOV-14	Finding:	1440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	16.
Chemical:	ODOR THRESHOLD @ 60 C	Report units:	TON
Dlr:	1.		
Sample date:	15-OCT-14	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	15-OCT-14	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	577.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	152.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	48.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	101.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	50.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-OCT-14	Finding:	27.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	240.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	70.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	15-OCT-14	Finding:	9.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	15-OCT-14	Finding:	3.77
Chemical:	GROSS ALPHA	Report units:	PCI/L

Dlr:	3.		
Sample date:	15-OCT-14	Finding:	2.85
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	1.9
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	15-OCT-14	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.8
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	15-OCT-14	Finding:	12.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.886
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	2800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-OCT-14	Finding:	3.25
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-SEP-14	Finding:	21.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-SEP-14	Finding:	21.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-14	Finding:	1450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-SEP-14	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-SEP-14	Finding:	509.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	03-SEP-14	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	23.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-14	Finding:	512.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-AUG-14	Finding:	23.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-14	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-14	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	13-AUG-14	Finding:	25.9
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-AUG-14	Finding:	347.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	29-JUL-14	Finding:	20.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	2.38
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	1.1
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	22.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	1090.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	4.27
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	17-JUL-14	Finding:	2.04
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	17-JUL-14	Finding:	524.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JUL-14	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-14	Finding:	33.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-14	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-JUN-14	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUN-14	Finding:	29.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUN-14	Finding:	35.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-14	Finding:	1530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-JUN-14	Finding:	526.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-JUN-14	Finding:	32.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-14	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-MAY-14	Finding:	28.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-MAY-14	Finding:	30.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-MAY-14	Finding:	27.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	08-MAY-14	Finding:	22.2
Chemical:	BROMOFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAY-14	Finding:	9.
Chemical:	DIBROMOCHLOROMETHANE (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAY-14	Finding:	1.2
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	08-MAY-14	Finding:	31.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-14	Finding:	34.3
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dlr:	0.		
Sample date:	08-MAY-14	Finding:	23.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-MAY-14	Finding:	363.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-MAY-14	Finding:	1.3
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-MAY-14	Finding:	1.9
Chemical:	BROMODICHLOROMETHANE (THM)	Report units:	UG/L
Dlr:	1.		
Sample date:	02-MAY-14	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	02-MAY-14	Finding:	515.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-MAY-14	Finding:	1500.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-MAY-14	Finding:	34.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-APR-14	Finding:	25.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-14	Finding:	24.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-APR-14	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L

Dlr:	0.		
Sample date:	09-APR-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	2.23
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	5500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-APR-14	Finding:	1.08
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	24.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-APR-14	Finding:	0.6
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1120.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	3.72
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	09-APR-14	Finding:	2.44
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	7.9
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	09-APR-14	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	09-APR-14	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	30.6
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		

Sample date:	09-APR-14	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	09-APR-14	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	09-APR-14	Finding:	541.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-APR-14	Finding:	63.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	101.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	58.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	157.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	630.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	02-APR-14	Finding:	21.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-14	Finding:	22.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAR-14	Finding:	23.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAR-14	Finding:	23.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	05-MAR-14	Finding:	23.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-14	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-MAR-14	Finding:	1440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-MAR-14	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-FEB-14	Finding:	28.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-FEB-14	Finding:	520.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-FEB-14	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	26.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-FEB-14	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-FEB-14	Finding:	337.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-FEB-14	Finding:	24.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-FEB-14	Finding:	24.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-FEB-14	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JAN-14	Finding:	530.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	28-JAN-14	Finding:	7.54
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	28-JAN-14	Finding:	1470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	2.32
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	26.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JAN-14	Finding:	2.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	22-JAN-14	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-JAN-14	Finding:	26.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JAN-14	Finding:	25.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-14	Finding:	26.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-DEC-13	Finding:	25.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-DEC-13	Finding:	23.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-DEC-13	Finding:	21.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-DEC-13	Finding:	24.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-DEC-13	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-DEC-13	Finding:	570.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	03-DEC-13	Finding:	1450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	25-NOV-13	Finding:	22.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-NOV-13	Finding:	20.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-NOV-13	Finding:	369.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	12-NOV-13	Finding:	23.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	12-NOV-13	Finding:	22.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-NOV-13	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	06-NOV-13	Finding:	21.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-NOV-13	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-NOV-13	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-NOV-13	Finding:	1470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-OCT-13	Finding:	26.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-13	Finding:	26.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	62.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	08-OCT-13	Finding:	2.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	08-OCT-13	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	2.13
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	609.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	155.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	54.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	96.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	4700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-13	Finding:	500.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	08-OCT-13	Finding:	5.
Chemical:	ARSENIC	Report units:	UG/L

Dlr:	2.		
Sample date:	08-OCT-13	Finding:	25.8
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	08-OCT-13	Finding:	6.4
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	08-OCT-13	Finding:	2.24
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.5
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	02-OCT-13	Finding:	20.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-SEP-13	Finding:	20.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-13	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-SEP-13	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-SEP-13	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	27-AUG-13	Finding:	20.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-13	Finding:	580.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-AUG-13	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	20-AUG-13	Finding:	27.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-13	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-AUG-13	Finding:	27.5
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-AUG-13	Finding:	26.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-13	Finding:	2.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	13-AUG-13	Finding:	412.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-JUL-13	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	3.27
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	500.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUL-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	2.61
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	04-JUN-13	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-JUN-13	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-JUN-13	Finding:	1390.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-MAY-13	Finding:	319.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-MAY-13	Finding:	20.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	08-MAY-13	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	01-MAY-13	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-MAY-13	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAY-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	2700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-APR-13	Finding:	2.15
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	0.6
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	7.94
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	10-APR-13	Finding:	2.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	10-APR-13	Finding:	574.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	146.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	51.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	96.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	6.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	61.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-APR-13	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-APR-13	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	10-APR-13	Finding:	24.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	18-MAR-13	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-MAR-13	Finding:	1410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-MAR-13	Finding:	1030.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-FEB-13	Finding:	1000.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	20-FEB-13	Finding:	520.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-FEB-13	Finding:	1400.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-FEB-13	Finding:	22.
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-FEB-13	Finding:	1.3
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	13-FEB-13	Finding:	381.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	05-FEB-13	Finding:	23.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-13	Finding:	2.59
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	2.3
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	8.41
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	08-JAN-13	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	960.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JAN-13	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-DEC-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-DEC-12	Finding:	8.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	04-DEC-12	Finding:	910.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	04-DEC-12	Finding:	420.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	04-DEC-12	Finding:	1280.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-DEC-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-NOV-12	Finding:	1.4
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	13-NOV-12	Finding:	352.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	13-NOV-12	Finding:	20.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-NOV-12	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-NOV-12	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-NOV-12	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-NOV-12	Finding:	910.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	06-NOV-12	Finding:	410.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	24-OCT-12	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	0.5
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported

Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1.15
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	2200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-OCT-12	Finding:	3.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	3.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	16-OCT-12	Finding:	900.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	511.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	129.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	46.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	90.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	16-OCT-12	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	58.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	420.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-OCT-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	22.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	7.33
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	16-OCT-12	Finding:	3.39
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	4.15
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	08-OCT-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-12	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-SEP-12	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-SEP-12	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-SEP-12	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-AUG-12	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

Dlr:	0.		
Sample date:	14-AUG-12	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-AUG-12	Finding:	1340.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-AUG-12	Finding:	24.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-AUG-12	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-AUG-12	Finding:	1.5
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-AUG-12	Finding:	449.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	01-AUG-12	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUL-12	Finding:	8.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUL-12	Finding:	9.39
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	18-JUL-12	Finding:	2.33
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	1310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	470.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JUL-12	Finding:	3.12
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	10-JUL-12	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JUL-12	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JUN-12	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JUN-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JUN-12	Finding:	9.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-12	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	06-JUN-12	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-12	Finding:	1330.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-JUN-12	Finding:	930.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAY-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-MAY-12	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAY-12	Finding:	24.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-MAY-12	Finding:	399.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-MAY-12	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	09-MAY-12	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAY-12	Finding:	1310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	02-MAY-12	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	02-MAY-12	Finding:	950.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	23-APR-12	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	22.3
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1360.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-APR-12	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	544.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	139.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	48.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	88.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	60.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	17-APR-12	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-APR-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	6.36
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	17-APR-12	Finding:	2.52
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	5.4
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	17-APR-12	Finding:	980.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	0.1
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1.46
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	2000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-APR-12	Finding:	2.76
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	01-MAR-12	Finding:	930.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	01-MAR-12	Finding:	460.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	01-MAR-12	Finding:	1410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US

Dlr:	0.		
Sample date:	14-FEB-12	Finding:	1310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-FEB-12	Finding:	9.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-FEB-12	Finding:	920.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-FEB-12	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-FEB-12	Finding:	295.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-FEB-12	Finding:	20.3
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-FEB-12	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JAN-12	Finding:	3.48
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	3.63
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	03-JAN-12	Finding:	920.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	1.73
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	3.28
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	0.541
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	7.13
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	03-JAN-12	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	03-JAN-12	Finding:	1310.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

O62
SE **CA WELLS** **CAEDF0000116033**
1/2 - 1 Mile
Lower

Well ID:	T0611100198-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100198&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100198&assigned_name=MW-16		

63
SSW **CA WELLS** **CAEDF0000013007**
1/2 - 1 Mile
Lower

Well ID:	T061119012-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-24		

O64
SE **CA WELLS** **CAEDF0000018405**
1/2 - 1 Mile
Lower

Well ID:	T0611100198-B-27	Well Type:	MONITORING
Source:	EDF	Other Name:	B-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100198&assigned_name=B-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100198&assigned_name=B-27		

P65
North **CA WELLS** **CADWR0000031186**
1/2 - 1 Mile
Higher

Well ID:	02N22W23K005S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W23K005S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W23K005S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

66
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000043082**

Well ID:	T061119012-MW-27	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-27		

Q67
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051670**

Well ID:	T061119012-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-20		

R68
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000022080**

Well ID:	5610068-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610068-001&store_num=		
GeoTracker Data:	Not Reported		

69
SW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000143817**

Well ID:	T061119012-MW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-23		

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Map ID
Direction
Distance
Elevation | Database | EDR ID Number

S70
SE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000030294**

Well ID:	02N22W25N003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W25N003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25N003S&store_num=		
GeoTracker Data:	Not Reported		

S71
SE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000035041**

Well ID:	02N22W25N004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W25N004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25N004S&store_num=		
GeoTracker Data:	Not Reported		

Q72
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000023606**

Well ID:	T061119012-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-19		

T73
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075911**

Well ID:	T061119012-MW-18A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-18A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-18A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

T74
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000132385**

Well ID:	T061119012-MW-18B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-18B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-18B		

75
South
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000024797**

Well ID:	02N22W35B001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W35B001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W35B001S&store_num=		
GeoTracker Data:	Not Reported		

S76
SE
1/2 - 1 Mile
Lower

CA WELLS **2309**

Seq:	2309	Prim sta c:	02N/22W-25M01 S
Frds no:	5602119001	County:	56
District:	86	User id:	56C
System no:	5602119	Water type:	G
Source nam:	WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341327.0	Longitude:	1190835.0
Precision:	2	Status:	AR
Comment 1:	OXNARD	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5602119	System nam:	Valley Villa Trailer Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

77
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000029842**

Well ID:	02N22W27J004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W27J004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W27J004S&store_num=		
GeoTracker Data:	Not Reported		

R78
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000142604**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W27A003S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	246
Well Depth Units:	ft	Well Hole Depth:	246
Well Hole Depth Units:	ft		

U79
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000019272**

Well ID:	02N22W27A003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W27A003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W27A003S&store_num=		
GeoTracker Data:	Not Reported		

80
East
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000025174**

Well ID:	02N22W25F001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W25F001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25F001S&store_num=		
GeoTracker Data:	Not Reported		

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Map ID
Direction
Distance
Elevation | Database | EDR ID Number

V81
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007701**

State Well #:	02N22W23K004S	Station ID:	4560
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

V82
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000028820**

Well ID:	02N22W23K004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W23K004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W23K004S&store_num=		
GeoTracker Data:	Not Reported		

W83
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000023989**

Well ID:	02N22W35C002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W35C002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W35C002S&store_num=		
GeoTracker Data:	Not Reported		

U84
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000007164**

Well ID:	5610068-003	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 03	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610068-003&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R85
WNW
1/2 - 1 Mile
Lower

CA WELLS 2321

Seq:	2321	Prim sta c:	02N/22W-27K01 S
Frds no:	5610035002	County:	56
District:	06	User id:	TAP
System no:	5610035	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1191000.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5610035	System nam:	Rio Manor Mutual Water Co
Hqname:	RIO MANOR MUTUAL WATER COMPANY	Address:	135 W. MAGNOLIA AVE.
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1500	Connection:	325
Area serve:	EL RIO		

Sample date:	09-SEP-15	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-JUN-15	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

Sample date:	17-JUN-15	Finding:	1500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-JUN-15	Finding:	1990.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	17-JUN-15	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

Sample date:	17-JUN-15	Finding:	460.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	17-JUN-15	Finding:	560.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	17-JUN-15	Finding:	860.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	17-JUN-15	Finding:	221.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	17-JUN-15	Finding:	75.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	122.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	1.8
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	7.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	94.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	570.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-JUN-15	Finding:	39.5
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	17-JUN-15	Finding:	900.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-JUN-15	Finding:	3030.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-JUN-15	Finding:	50.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	17-JUN-15	Finding:	3.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	17-JUN-15	Finding:	1480.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	1.
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUN-15	Finding:	21.7
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	17-JUN-15	Finding:	12.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-MAR-15	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	31-DEC-14	Finding:	26.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-SEP-14	Finding:	29.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	30-JUN-14	Finding:	29.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-14	Finding:	27.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JAN-14	Finding:	26.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-SEP-13	Finding:	20.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-MAR-13	Finding:	28.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-DEC-12	Finding:	20.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-SEP-12	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUN-12	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	44.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	360.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JUN-12	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	18-JUN-12	Finding:	22.1
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	860.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	18-JUN-12	Finding:	11.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	3300.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JUN-12	Finding:	1.8
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	90.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	41.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	122.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	473.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	7.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	1220.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Map ID
Direction
Distance
Elevation

Database EDR ID Number

R86
WNW
1/2 - 1 Mile
Lower

CA WELLS 2322

Seq:	2322	Prim sta c:	02N/22W-27L01 S
Frds no:	5610035001	County:	56
District:	06	User id:	TAP
System no:	5610035	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1191000.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5610035	System nam:	Rio Manor Mutual Water Co
Hqname:	RIO MANOR MUTUAL WATER COMPANY	Address:	135 W. MAGNOLIA AVE.
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1500	Connection:	325
Area serve:	EL RIO		

Sample date:	23-FEB-18	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	08-NOV-17	Finding:	3.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-AUG-17	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	05-MAY-17	Finding:	3.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-FEB-17	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	09-NOV-16	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	05-AUG-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	11-MAY-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	10-FEB-16	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	10-FEB-16	Finding:	2.36
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-FEB-16	Finding:	1.79
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-FEB-16	Finding:	7.54
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	10-FEB-16	Finding:	2.88
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-FEB-16	Finding:	7.54
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	10-FEB-16	Finding:	5.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-DEC-15	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JUN-15	Finding:	1410.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	7.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	260.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	320.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	543.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	140.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	47.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	90.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	1.7
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported

Dlr:	0.		
Sample date:	17-JUN-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	58.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	390.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-JUN-15	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-JUN-15	Finding:	26.6
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	17-JUN-15	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-JUN-15	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	17-JUN-15	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	0.6
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	25.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUN-15	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-JUN-15	Finding:	5800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JUN-13	Finding:	9.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUN-12	Finding:	596.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	153.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	18-JUN-12	Finding:	52.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	102.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	1.8
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	59.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	440.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	18-JUN-12	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-JUN-12	Finding:	24.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	150.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-JUN-12	Finding:	6.8
Chemical:	LEAD	Report units:	UG/L
Dlr:	5.		
Sample date:	18-JUN-12	Finding:	1010.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	2.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	23.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUN-12	Finding:	3.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	18-JUN-12	Finding:	2.5
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

Dlr:	0.1		
Sample date:	18-JUN-12	Finding:	11.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	5400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JUN-12	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	1450.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUN-12	Finding:	7.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		

R87
WNW
1/2 - 1 Mile
Lower

CA WELLS 2318

Seq:	2318	Prim sta c:	02N/22W-27A01 S
Frds no:	5610068001	County:	56
District:	06	User id:	TAP
System no:	5610068	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1191000.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5610068	System nam:	Cloverdale Mutual Water Co
Hqname:	Not Reported	Address:	135 W MAGNOLIA AVE
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1300	Connection:	250
Area serve:	EL RIO		

R88
WNW
1/2 - 1 Mile
Lower

CA WELLS 2319

Seq:	2319	Prim sta c:	02N/22W-27A02 S
Frds no:	5610068002	County:	56
District:	06	User id:	TAP
System no:	5610068	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude:	341400.0	Longitude:	1191000.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	5610068	System nam:	Cloverdale Mutual Water Co
Hqname:	Not Reported	Address:	135 W MAGNOLIA AVE
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1300	Connection:	250
Area serve:	EL RIO		

Sample date:	15-DEC-17	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	15-DEC-17	Finding:	320.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	20-SEP-17	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	20-SEP-17	Finding:	160.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		

Sample date:	16-JUN-17	Finding:	6.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-MAR-17	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	16-DEC-16	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	18-MAR-16	Finding:	87.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	18-MAR-16	Finding:	1.6
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		

Sample date:	18-MAR-16	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	18-MAR-16	Finding:	62.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		

Sample date:	18-MAR-16	Finding:	414.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	18-MAR-16	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-MAR-16	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	18-MAR-16	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	18-MAR-16	Finding:	6.41
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	18-MAR-16	Finding:	2.54
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	4.e-002
Chemical:	MERCURY	Report units:	UG/L
Dlr:	1.		
Sample date:	18-MAR-16	Finding:	1.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	18-MAR-16	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	7.5
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAR-16	Finding:	2.13
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	49.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	145.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	563.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	7.5
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	18-MAR-16	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	1490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-MAR-16	Finding:	24.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	11-DEC-15	Finding:	180.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	26-SEP-14	Finding:	270.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	30-JUN-14	Finding:	120.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-14	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	27-DEC-13	Finding:	180.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	27-SEP-13	Finding:	930.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-DEC-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	3.06
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	70.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-DEC-12	Finding:	1.76
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	28-DEC-12	Finding:	0.474
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	7.68
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-DEC-12	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	3.89
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	0.201
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	2220.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	25-SEP-12	Finding:	30.
Chemical:	MANGANESE	Report units:	UG/L
Dlr:	20.		
Sample date:	25-SEP-12	Finding:	4.46
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	25-SEP-12	Finding:	2.89
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	1.02
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	7.25
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	25-SEP-12	Finding:	1.59
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	3.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-12	Finding:	620.
Chemical:	IRON	Report units:	UG/L

Dlr:	100.		
Sample date:	15-JUN-12	Finding:	0.25
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	0.354
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	2.13
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	1.35
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	3.17
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	15-JUN-12	Finding:	0.467
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	2.49
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	8.63
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	15-JUN-12	Finding:	620.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-12	Finding:	0.473
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	2.79
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	1.67
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	5.63
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-MAR-12	Finding:	0.261
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	3.07
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	28-MAR-12	Finding:	5.61
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	28-MAR-12	Finding:	410.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-12	Finding:	0.493
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

R89
WNW
1/2 - 1 Mile
Lower

CA WELLS 2320

Seq:	2320	Prim sta c:	02N/22W-27A03 S
Frds no:	5610068003	County:	56
District:	06	User id:	TAP
System no:	5610068	Water type:	G
Source nam:	WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	341400.0	Longitude:	1191000.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5610068	System nam:	Cloverdale Mutual Water Co
Hqname:	Not Reported	Address:	135 W MAGNOLIA AVE
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1300	Connection:	250
Area serve:	EL RIO		
Sample date:	15-DEC-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-17	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-JUN-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-MAR-17	Finding:	670.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-MAR-17	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-DEC-16	Finding:	2.85
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-DEC-16	Finding:	2.52

Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-DEC-16	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-SEP-16	Finding:	660.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	30-SEP-16	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUN-15	Finding:	24.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	26-JUN-15	Finding:	600.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	26-JUN-15	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	26-JUN-15	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	26-JUN-15	Finding:	9.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	26-JUN-15	Finding:	960.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	0.5
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	25.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JUN-15	Finding:	12.5
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	5800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUN-15	Finding:	0.7
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	26-JUN-15	Finding:	380.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	26-JUN-15	Finding:	61.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	1.6
Chemical:	SODIUM ABSORPTION RATIO	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	84.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	48.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	135.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	534.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	26-JUN-15	Finding:	1370.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-DEC-14	Finding:	80.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	26-SEP-14	Finding:	110.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	30-JUN-14	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-14	Finding:	80.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-DEC-12	Finding:	1.96
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L

Dlr:	0.		
Sample date:	28-DEC-12	Finding:	1.68
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	0.561
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	3.9e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-DEC-12	Finding:	2.63
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	9.52
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	28-DEC-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	0.25
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-DEC-12	Finding:	6.87
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	25-SEP-12	Finding:	4.33
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	25-SEP-12	Finding:	0.252
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	0.439
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	2.8
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	1.46
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	25-SEP-12	Finding:	6.04
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	25-SEP-12	Finding:	0.971
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	25-SEP-12	Finding:	1.5e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	25-SEP-12	Finding:	2.73
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	8.77
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	15-JUN-12	Finding:	7.07
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	15-JUN-12	Finding:	1.91
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	2.17
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	0.354
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	0.201
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	5.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-12	Finding:	3.7e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dlr:	1.		
Sample date:	15-JUN-12	Finding:	2.49
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-JUN-12	Finding:	0.506
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	0.203
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	3.66
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	28-MAR-12	Finding:	2.62
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	0.643
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L

Dlr:	0.		
Sample date:	28-MAR-12	Finding:	4.94
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	28-MAR-12	Finding:	1.58
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	2.72
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	28-MAR-12	Finding:	0.473
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		

U90
WNW **CA WELLS** **CADDW0000002164**
1/2 - 1 Mile
Lower

Well ID:	5610068-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610068-002&store_num=		
GeoTracker Data:	Not Reported		

Q91
SSW **CA WELLS** **CAEDF0000088110**
1/2 - 1 Mile
Lower

Well ID:	T061119012-MW-16B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-16B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-16B		

Q92
SSW **CA WELLS** **CAEDF0000077614**
1/2 - 1 Mile
Lower

Well ID:	T061119012-MW-16C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-16C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-16C		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

U93
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000142605**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W27A001S	Type:	Well
Description:	Not Reported	HUC:	18070102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	150
Well Depth Units:	ft	Well Hole Depth:	150
Well Hole Depth Units:	ft		

U94
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000142606**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W27A002S	Type:	Well
Description:	Not Reported	HUC:	18070102
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	200
Well Depth Units:	ft	Well Hole Depth:	200
Well Hole Depth Units:	ft		

X95
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000002707**

Well ID:	5610010-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 03 (1B)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610010-002&store_num=		
GeoTracker Data:	Not Reported		

T96
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000090468**

Well ID:	T061119012-MW-17B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17B
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-17B&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-17B

T97
SSW **CA WELLS** **CAEDF0000124889**
1/2 - 1 Mile
Lower

Well ID: T061119012-MW-17C Well Type: MONITORING
Source: EDF Other Name: MW-17C
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-17C&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-17C

W98
SSW **CA WELLS** **CAEDF0000128800**
1/2 - 1 Mile
Lower

Well ID: T061119012-MW-6B Well Type: MONITORING
Source: EDF Other Name: MW-6B
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-6B&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-6B

W99
SSW **CA WELLS** **CAEDF0000039536**
1/2 - 1 Mile
Lower

Well ID: T061119012-MW-6C Well Type: MONITORING
Source: EDF Other Name: MW-6C
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-6C&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-6C

W100
SSW **CA WELLS** **CAEDF0000103722**
1/2 - 1 Mile
Lower

Well ID: T061119012-MW-4R Well Type: MONITORING
Source: EDF Other Name: MW-4R
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-4R&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-4R

Y101
ESE **CA WELLS** **CADWR0000000030**
1/2 - 1 Mile
Lower

Well ID: 02N22W25L003S Well Type: UNK
Source: Department of Water Resources
Other Name: 02N22W25L003S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25L003S&store_num=
GeoTracker Data: Not Reported

Y102
ESE **CA WELLS** **CADWR0000026393**
1/2 - 1 Mile
Lower

Well ID: 02N22W25L002S Well Type: UNK
Source: Department of Water Resources
Other Name: 02N22W25L002S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25L002S&store_num=
GeoTracker Data: Not Reported

103
SSE **CA WELLS** **CADWR0000032750**
1/2 - 1 Mile
Lower

Well ID: 02N22W35A001S Well Type: UNK
Source: Department of Water Resources
Other Name: 02N22W35A001S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W35A001S&store_num=
GeoTracker Data: Not Reported

104
ENE **CA WELLS** **CADWR0000000937**
1/2 - 1 Mile
Lower

Well ID: 02N22W25C001S Well Type: UNK
Source: Department of Water Resources
Other Name: 02N22W25C001S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25C001S&store_num=
GeoTracker Data: Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

W105
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000099221**

Well ID:	T061119012-MW-3RB	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3RB
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-3RB&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-3RB		

W106
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000073815**

Well ID:	T061119012-MW-3RA	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3RA
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-3RA&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-3RA		

Z107
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000090095**

Well ID:	T061119012-MW-14B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-14B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-14B		

Z108
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114284**

Well ID:	T061119012-MW-14C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-14C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-14C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

109
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000023953**

Well ID:	02N22W23J001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W23J001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W23J001S&store_num=		
GeoTracker Data:	Not Reported		

W110
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000060893**

Well ID:	T061119012-MW-2R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-2R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-2R		

AA111
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114512**

Well ID:	T0611152703-MW10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW10		

W112
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000106673**

Well ID:	T061119012-DPEW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	DPEW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=DPEW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=DPEW-2A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AB113
North
1/2 - 1 Mile
Higher

CA WELLS **CAPFAS000001155**

Well ID:	5610046-027	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 18	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610046-027&store_num=		
GeoTracker Data:	Not Reported		

AB114
North
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000016797**

Well ID:	5610046-027	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 18	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610046-027&store_num=		
GeoTracker Data:	Not Reported		

AA115
SE
1/2 - 1 Mile
Lower

CA WELLS **2310**

Seq:	2310	Prim sta c:	02N/22W-25N03 S
Frds no:	5602105001	County:	56
District:	86	User id:	56C
System no:	5602105	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341325.0	Longitude:	1190830.0
Precision:	2	Status:	AR
Comment 1:	BY NORTH PROPERTY LINE AT REAR OF TRAILER PARK		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	5602105	System nam:	Plaza Mobile Home Park
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

X116
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000016984**

Well ID:	5610010-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		

Other Name: WELL 02 GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610010-001&store_num=
GeoTracker Data: Not Reported

X117
NNW
1/2 - 1 Mile
Higher

CA WELLS **CAPFAS000001433**

Well ID: 5610010-001 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 02 GAMA PFAS Testing: Yes
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610010-001&store_num=
GeoTracker Data: Not Reported

Z118
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000087196**

Well ID: T061119012-P-3 Well Type: MONITORING
Source: EDF Other Name: P-3
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=P-3&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=P-3

Z119
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000023990**

Well ID: T061119012-P-1 Well Type: MONITORING
Source: EDF Other Name: P-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=P-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=P-1

Z120
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000110263**

Well ID: T061119012-P-2 Well Type: MONITORING
Source: EDF Other Name: P-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=P-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=P-2

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z121
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000104343**

Well ID:	T061119012-P-4	Well Type:	MONITORING
Source:	EDF	Other Name:	P-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=P-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=P-4		

Z122
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000090238**

Well ID:	T061119012-P-3B	Well Type:	MONITORING
Source:	EDF	Other Name:	P-3B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=P-3B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=P-3B		

AA123
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000070378**

Well ID:	T0611152703-MW11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW11		

Z124
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000069179**

Well ID:	T061119012-MW-11B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-11B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-11B		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z125
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000097721**

Well ID:	T061119012-MW-11D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-11D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-11D		

Z126
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000139184**

Well ID:	T061119012-MW-11C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-11C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-11C		

Z127
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000129932**

Well ID:	T061119012-MW-11A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-11A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-11A		

Z128
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000087195**

Well ID:	T061119012-MW-15B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-15B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-15B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA129
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000084080**

Well ID:	T0611152703-MW12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW12		

AA130
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000098991**

Well ID:	T0611152703-MW3R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW3R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW3R		

Z131
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000031411**

Well ID:	T061119012-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-12		

AA132
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000008611**

Well ID:	T0611152703-MW9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW9		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z133
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000087706**

Well ID:	T061119012-MW-7C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-7C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-7C		

Z134
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000128819**

Well ID:	T061119012-MW-7D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-7D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-7D		

Z135
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000049359**

Well ID:	T061119012-MW-7A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-7A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-7A		

Z136
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000068331**

Well ID:	T061119012-MW-7B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-7B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-7B		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA137
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000031956**

Well ID:	T0611152703-EW2	Well Type:	MONITORING
Source:	EDF	Other Name:	EW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=EW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=EW2		

AA138
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000009323**

Well ID:	T0611152703-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW3		

AA139
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000088770**

Well ID:	T0611152703-GP8	Well Type:	MONITORING
Source:	EDF	Other Name:	GP8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=GP8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=GP8		

AA140
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000134074**

Well ID:	T0611152703-MW8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA141
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000135983**

Well ID:	T0611152703-MW6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW6		

AA142
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000064578**

Well ID:	T0611152703-EW1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=EW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=EW1		

AA143
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000042137**

Well ID:	T0611152703-MW6R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW6R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW6R		

144
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000033582**

Well ID:	02N22W23K001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W23K001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W23K001S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z145
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000107852**

Well ID:	T061119012-MW-8D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-8D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-8D		

Z146
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000100375**

Well ID:	T061119012-MW-8C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-8C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-8C		

Z147
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000015051**

Well ID:	T061119012-RW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=RW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=RW-7		

AA148
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000006634**

Well ID:	T0611152703-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA149
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000034804**

Well ID:	T0611152703-GP6	Well Type:	MONITORING
Source:	EDF	Other Name:	GP6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=GP6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=GP6		

Z150
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000130184**

Well ID:	T061119012-MW-8A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-8A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-8A		

Z151
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000011839**

Well ID:	T061119012-MW-8B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-8B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-8B		

AA152
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000097889**

Well ID:	T0611152703-EW3	Well Type:	MONITORING
Source:	EDF	Other Name:	EW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=EW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=EW3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA153
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000019719**

Well ID:	T0611152703-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW2		

AA154
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000019568**

Well ID:	T0611100817-GP6	Well Type:	MONITORING
Source:	EDF	Other Name:	GP6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP6		

AA155
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000134603**

Well ID:	T0611152703-MW7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW7		

AA156
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000129342**

Well ID:	T0611152703-MW5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA157
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000039899**

Well ID:	T0611100817-GP7	Well Type:	MONITORING
Source:	EDF	Other Name:	GP7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP7		

Z158
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114219**

Well ID:	T061119012-MW-9A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-9A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-9A		

Z159
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000112422**

Well ID:	T061119012-RW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=RW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=RW-6		

AA160
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000125524**

Well ID:	T0611152703-GP7	Well Type:	MONITORING
Source:	EDF	Other Name:	GP7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=GP7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=GP7		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z161
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000057172**

Well ID:	T061119012-MW-9D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-9D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-9D		

Z162
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000129638**

Well ID:	T061119012-MW-9C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-9C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-9C		

Z163
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000125340**

Well ID:	T061119012-MW-9B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-9B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-9B		

Z164
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000112289**

Well ID:	T061119012-CPT-50	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-50
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=CPT-50&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=CPT-50		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AC165
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000142540**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W35C001S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	198
Well Depth Units:	ft	Well Hole Depth:	198
Well Hole Depth Units:	ft		

AC166
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000007601**

State Well #:	02N22W35C001S	Station ID:	4568
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

AC167
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000026438**

Well ID:	02N22W35C001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W35C001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W35C001S&store_num=		
GeoTracker Data:	Not Reported		

AA168
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000008428**

Well ID:	T0611100817-MW2D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW2D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW2D		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA169
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003845**

Well ID:	T0611100817-GP1	Well Type:	MONITORING
Source:	EDF	Other Name:	GP1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP1		

AA170
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000086822**

Well ID:	T0611100817-MW2B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW2B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW2B		

AA171
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000142333**

Well ID:	T0611100817-MW2A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW2A		

AA172
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000097289**

Well ID:	T0611100817-MW2C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW2C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW2C		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA173
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000094971**

Well ID:	T0611100817-MW8B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW8B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW8B		

AA174
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000037407**

Well ID:	T0611100817-MW8D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW8D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW8D		

AA175
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003201**

Well ID:	T0611100817-MW8A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW8A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW8A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW8A		

AD176
NW
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000027642**

Well ID:	02N22W22R004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W22R004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W22R004S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD177
NW
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007677**

State Well #:	02N22W22R001S	Station ID:	4549
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

AA178
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000057072**

Well ID:	T0611100817-GP8	Well Type:	MONITORING
Source:	EDF	Other Name:	GP8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP8		

AA179
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000107149**

Well ID:	T0611100817-MW6A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW6A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW6A		

AA180
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000072395**

Well ID:	T0611100817-MW6B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW6B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW6B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW6B		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA181
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000105519**

Well ID:	T0611100817-MW3B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW3B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW3B		

AA182
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051622**

Well ID:	T0611100817-MW3A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW3A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW3A		

AA183
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000017765**

Well ID:	T0611100817-GP2	Well Type:	MONITORING
Source:	EDF	Other Name:	GP2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP2		

AA184
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003468**

Well ID:	T0611100817-GP3	Well Type:	MONITORING
Source:	EDF	Other Name:	GP3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP3		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Z185
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000079260**

Well ID:	T061119012-MW-10B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-10B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-10B		

Z186
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000060953**

Well ID:	T061119012-MW-10D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-10D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-10D		

Z187
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000000873**

Well ID:	T061119012-MW-10C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=MW-10C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=MW-10C		

AA188
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000008348**

Well ID:	T0611100817-GP4	Well Type:	MONITORING
Source:	EDF	Other Name:	GP4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AD189
NW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000019082**

Well ID:	5610029-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610029-001&store_num=		
GeoTracker Data:	Not Reported		

AD190
NW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000016054**

Well ID:	5610029-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610029-002&store_num=		
GeoTracker Data:	Not Reported		

AA191
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000072983**

Well ID:	T0611100817-GP5	Well Type:	MONITORING
Source:	EDF	Other Name:	GP5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP5		

AE192
West
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00017125**

Well ID:	USGS-341342119100801	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-341342119100801	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-341342119100801&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA193
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000110831**

Well ID:	T0611100817-MW1C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW1C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW1C		

AA194
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000114892**

Well ID:	T0611100817-MW1A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW1A		

AA195
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000131048**

Well ID:	T0611100817-MW1B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW1B		

AE196
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000142586**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002N022W27K001S	Type:	Well
Description:	Not Reported	HUC:	18070103
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Unconfined single aquifer
Construction Date:	Not Reported	Well Depth:	272
Well Depth Units:	ft	Well Hole Depth:	272

Well Hole Depth Units: ft

AA197
SE **CA WELLS** **CAEDF0000094836**
1/2 - 1 Mile
Lower

Well ID:	T0611100817-MW5D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW5D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW5D		

AA198
SE **CA WELLS** **CAEDF0000067103**
1/2 - 1 Mile
Lower

Well ID:	T0611100817-MW5B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW5B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW5B		

AA199
SE **CA WELLS** **CAEDF0000046519**
1/2 - 1 Mile
Lower

Well ID:	T0611100817-GP12	Well Type:	MONITORING
Source:	EDF	Other Name:	GP12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP12		

AA200
SE **CA WELLS** **CAEDF0000121840**
1/2 - 1 Mile
Lower

Well ID:	T0611100817-MW5A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW5A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW5A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AA201
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000097852**

Well ID:	T0611100817-MW5C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW5C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW5C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW5C		

AA202
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075779**

Well ID:	T0611100817-EW1	Well Type:	MONITORING
Source:	EDF	Other Name:	EW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=EW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=EW1		

AA203
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000056586**

Well ID:	T0611100817-GP11A	Well Type:	MONITORING
Source:	EDF	Other Name:	GP11A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP11A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP11A		

AC204
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000108354**

Well ID:	T061119012-CPT-51	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-51
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=CPT-51&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=CPT-51		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF205
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000042054**

Well ID:	T0611100817-GP9	Well Type:	MONITORING
Source:	EDF	Other Name:	GP9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP9		

AG206
WNW
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000021381**

Well ID:	5602402-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5602402-001&store_num=		
GeoTracker Data:	Not Reported		

AF207
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000083406**

Well ID:	T0611100817-GP11	Well Type:	MONITORING
Source:	EDF	Other Name:	GP11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP11		

AH208
North
1/2 - 1 Mile
Higher

CA WELLS **2300**

Seq:	2300	Prim sta c:	02N/22W-23G03 S
Frds no:	5610046004	County:	56
District:	06	User id:	TAP
System no:	5610046	Water type:	G
Source nam:	WELL 02A	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341438.9	Longitude:	1190910.6
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System no:	5610046	System nam:	United Wtr Cons Dist
Hqname:	Not Reported	Address:	106 N. 8th Street
City:	Santa Paula	State:	CA
Zip:	93060	Zip ext:	Not Reported
Pop serv:	0	Connection:	16
Area serve:	OXNARD-PORT HUENEME		

Sample date:	07-MAR-18	Finding:	10.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-MAR-18	Finding:	11.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-FEB-18	Finding:	12.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	12-FEB-18	Finding:	10.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	08-FEB-18	Finding:	10.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	01-FEB-18	Finding:	10.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-JAN-18	Finding:	526.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		

Sample date:	22-JAN-18	Finding:	10.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	22-JAN-18	Finding:	1540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	22-JAN-18	Finding:	1140.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	17-JAN-18	Finding:	9.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	10-JAN-18	Finding:	9.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	03-JAN-18	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	27-DEC-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	18-DEC-17	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-17	Finding:	8.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-DEC-17	Finding:	8.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-NOV-17	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-NOV-17	Finding:	8.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-NOV-17	Finding:	7.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-NOV-17	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	53.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	97.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	53.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	496.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	31-OCT-17	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	31-OCT-17	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported

Dlr:	0.		
Sample date:	31-OCT-17	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	31-OCT-17	Finding:	26.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	508.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	31-OCT-17	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	6.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	143.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	575.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	6.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-17	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	31-OCT-17	Finding:	1.2
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	31-OCT-17	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	26-OCT-17	Finding:	5.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	17-OCT-17	Finding:	2.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-OCT-17	Finding:	2.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-OCT-17	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-17	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-SEP-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-SEP-17	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-SEP-17	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-AUG-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-AUG-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-AUG-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-AUG-17	Finding:	2.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-AUG-17	Finding:	7.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JUL-17	Finding:	8.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-17	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-17	Finding:	1530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	7.9
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	13-JUL-17	Finding:	2.36
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	1180.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	2.85
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-JUL-17	Finding:	8.72
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	13-JUL-17	Finding:	557.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JUL-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUN-17	Finding:	7.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-JUN-17	Finding:	1.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	1.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-JUN-17	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-17	Finding:	8.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAY-17	Finding:	8.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAY-17	Finding:	9.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-MAY-17	Finding:	9.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-MAY-17	Finding:	9.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	26-APR-17	Finding:	7.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	0.47
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.81
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	2.8
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	546.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	29.2
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	0.6
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	890.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	4.76
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	19-APR-17	Finding:	2.44
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	9.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	19-APR-17	Finding:	500.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-APR-17	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-APR-17	Finding:	423.
Chemical:	SULFATE	Report units:	MG/L

Dlr:	0.5		
Sample date:	19-APR-17	Finding:	42.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	82.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	44.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	120.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	480.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	2.3
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-APR-17	Finding:	2.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-17	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-APR-17	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1240.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-APR-17	Finding:	1.45
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-APR-17	Finding:	11.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-17	Finding:	9.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	27-MAR-17	Finding:	10.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-MAR-17	Finding:	2.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-MAR-17	Finding:	2.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-AUG-16	Finding:	23.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-AUG-16	Finding:	22.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JUL-16	Finding:	19.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	20.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	1450.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JUL-16	Finding:	648.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JUL-16	Finding:	22.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-16	Finding:	1890.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	06-JUL-16	Finding:	21.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-JUN-16	Finding:	21.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JUN-16	Finding:	21.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JUN-16	Finding:	22.4
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	06-JUN-16	Finding:	20.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-JUN-16	Finding:	21.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-MAY-16	Finding:	21.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAY-16	Finding:	17.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-MAY-16	Finding:	17.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-MAY-16	Finding:	17.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-APR-16	Finding:	16.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-APR-16	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-APR-16	Finding:	17.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	1320.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.2
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	30.7
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	509.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	05-APR-16	Finding:	18.4
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	3.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	05-APR-16	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	05-APR-16	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-APR-16	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	05-APR-16	Finding:	610.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	05-APR-16	Finding:	70.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	98.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	66.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	170.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	696.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	0.9
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	05-APR-16	Finding:	18.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	05-APR-16	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	05-APR-16	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	05-APR-16	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	05-APR-16	Finding:	1780.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	05-APR-16	Finding:	32.2
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAR-16	Finding:	18.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAR-16	Finding:	19.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-MAR-16	Finding:	16.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-MAR-16	Finding:	17.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-MAR-16	Finding:	17.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-FEB-16	Finding:	17.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-FEB-16	Finding:	17.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-FEB-16	Finding:	17.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-FEB-16	Finding:	17.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-JAN-16	Finding:	16.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JAN-16	Finding:	16.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	12-JAN-16	Finding:	1270.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	12-JAN-16	Finding:	580.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	12-JAN-16	Finding:	16.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	1700.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	04-JAN-16	Finding:	16.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	29-DEC-15	Finding:	17.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-DEC-15	Finding:	16.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-DEC-15	Finding:	16.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-DEC-15	Finding:	15.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-DEC-15	Finding:	15.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	23-NOV-15	Finding:	15.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-NOV-15	Finding:	14.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-NOV-15	Finding:	14.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-NOV-15	Finding:	14.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-OCT-15	Finding:	14.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	19-OCT-15	Finding:	69.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	580.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-OCT-15	Finding:	102.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	61.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	166.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	665.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-OCT-15	Finding:	15.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	180.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	150.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	7.2
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1640.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	15400.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-OCT-15	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		

Sample date:	19-OCT-15	Finding:	203.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	28.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	19-OCT-15	Finding:	68.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-OCT-15	Finding:	8.e-002
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	1240.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-OCT-15	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	19-OCT-15	Finding:	29.6
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	19-OCT-15	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	13-OCT-15	Finding:	14.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-15	Finding:	14.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	01-OCT-15	Finding:	15.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-SEP-15	Finding:	14.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-SEP-15	Finding:	14.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-SEP-15	Finding:	13.7
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	01-SEP-15	Finding:	14.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-AUG-15	Finding:	13.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-AUG-15	Finding:	59.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-AUG-15	Finding:	13.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-AUG-15	Finding:	13.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-15	Finding:	11.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-JUL-15	Finding:	12.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JUL-15	Finding:	12.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-JUL-15	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	21-JUL-15	Finding:	1220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-JUL-15	Finding:	1630.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-JUL-15	Finding:	12.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUL-15	Finding:	56.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	53.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUL-15	Finding:	12.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	02-JUL-15	Finding:	12.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	02-JUL-15	Finding:	54.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUN-15	Finding:	54.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUN-15	Finding:	57.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JUN-15	Finding:	52.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUN-15	Finding:	52.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAY-15	Finding:	54.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAY-15	Finding:	56.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAY-15	Finding:	57.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-APR-15	Finding:	57.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-APR-15	Finding:	59.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	466.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	11.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	13500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-APR-15	Finding:	24.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	59.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	14-APR-15	Finding:	1170.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	2.
Chemical:	NICKEL	Report units:	UG/L
Dlr:	10.		
Sample date:	14-APR-15	Finding:	40.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	800.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	14-APR-15	Finding:	3.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	14-APR-15	Finding:	550.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	14-APR-15	Finding:	63.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	103.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	61.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	154.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	635.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	14-APR-15	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	14-APR-15	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	14-APR-15	Finding:	6.5
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	14-APR-15	Finding:	1620.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	14-APR-15	Finding:	29.4
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	07-APR-15	Finding:	57.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-APR-15	Finding:	57.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-15	Finding:	60.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-MAR-15	Finding:	67.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-MAR-15	Finding:	66.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-MAR-15	Finding:	58.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-15	Finding:	57.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-FEB-15	Finding:	54.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-FEB-15	Finding:	56.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-FEB-15	Finding:	60.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-JAN-15	Finding:	56.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JAN-15	Finding:	56.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	20-JAN-15	Finding:	1220.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-JAN-15	Finding:	560.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-JAN-15	Finding:	1610.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	13-JAN-15	Finding:	47.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JAN-15	Finding:	46.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-DEC-14	Finding:	44.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-DEC-14	Finding:	40.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-DEC-14	Finding:	36.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-DEC-14	Finding:	37.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-DEC-14	Finding:	35.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-NOV-14	Finding:	35.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-NOV-14	Finding:	34.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-NOV-14	Finding:	33.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-NOV-14	Finding:	32.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-OCT-14	Finding:	31.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	21-OCT-14	Finding:	34.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-14	Finding:	1530.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	15-OCT-14	Finding:	661.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	166.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	60.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	104.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	56.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	15-OCT-14	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	15-OCT-14	Finding:	28.1
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	800.
Chemical:	BORON	Report units:	UG/L

Dlr:	100.		
Sample date:	15-OCT-14	Finding:	110.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	1150.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	0.4
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	38.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-14	Finding:	25.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	562.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	15-OCT-14	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	15-OCT-14	Finding:	8700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-14	Finding:	40.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-OCT-14	Finding:	40.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-SEP-14	Finding:	39.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-14	Finding:	38.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-SEP-14	Finding:	37.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-SEP-14	Finding:	37.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-AUG-14	Finding:	35.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	20-AUG-14	Finding:	32.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-14	Finding:	33.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-AUG-14	Finding:	32.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JUL-14	Finding:	32.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JUL-14	Finding:	31.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	1440.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	29.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUL-14	Finding:	1110.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-JUL-14	Finding:	506.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUL-14	Finding:	28.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JUL-14	Finding:	25.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-JUN-14	Finding:	27.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-JUN-14	Finding:	23.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JUN-14	Finding:	22.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-14	Finding:	22.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-MAY-14	Finding:	21.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	09-APR-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	09-APR-14	Finding:	30.5
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	519.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	2000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-APR-14	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-APR-14	Finding:	0.7
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1150.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	7.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	09-APR-14	Finding:	90.
Chemical:	IRON	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	31.4
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	09-APR-14	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	09-APR-14	Finding:	543.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-APR-14	Finding:	68.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	09-APR-14	Finding:	107.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	59.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	159.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	639.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	09-APR-14	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	09-APR-14	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	09-APR-14	Finding:	1540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-APR-14	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-APR-14	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAR-14	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAR-14	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-14	Finding:	29.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-14	Finding:	25.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-FEB-14	Finding:	25.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	10-FEB-14	Finding:	24.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-FEB-14	Finding:	24.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-JAN-14	Finding:	1470.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	490.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-JAN-14	Finding:	1080.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-JAN-14	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JAN-14	Finding:	22.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-JAN-14	Finding:	21.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-JAN-14	Finding:	21.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-JAN-14	Finding:	20.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-DEC-13	Finding:	21.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-OCT-13	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-OCT-13	Finding:	0.4
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		

Sample date:	08-OCT-13	Finding:	28.4
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	7.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	08-OCT-13	Finding:	0.464
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1040.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.9
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-OCT-13	Finding:	32.1
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	572.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	08-OCT-13	Finding:	12.8
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-OCT-13	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.243
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	0.36
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	08-OCT-13	Finding:	68.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	6.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	109.
Chemical:	SODIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	08-OCT-13	Finding:	59.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	167.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	659.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	2.2
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	08-OCT-13	Finding:	250.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	1490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	08-OCT-13	Finding:	800.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-OCT-13	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-SEP-13	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-SEP-13	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-SEP-13	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-13	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-AUG-13	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	20-AUG-13	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-AUG-13	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-AUG-13	Finding:	8.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUL-13	Finding:	8.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JUL-13	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUL-13	Finding:	550.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	09-JUL-13	Finding:	1490.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	0.414
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	7.65
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	09-JUL-13	Finding:	2.49
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	1.7
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	09-JUL-13	Finding:	1060.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	2.64
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JUL-13	Finding:	8.44
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	02-JUL-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	25-JUN-13	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JUN-13	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-JUN-13	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-JUN-13	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-MAY-13	Finding:	6.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-13	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-MAY-13	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-MAY-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAY-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-APR-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-APR-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-APR-13	Finding:	1700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-APR-13	Finding:	12.7
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	633.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	27.4
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	10-APR-13	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-APR-13	Finding:	0.8
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1130.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	6.
Chemical:	SELENIUM	Report units:	UG/L
Dlr:	5.		
Sample date:	10-APR-13	Finding:	2.
Chemical:	CHROMIUM (TOTAL)	Report units:	UG/L
Dlr:	10.		
Sample date:	10-APR-13	Finding:	31.7
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-13	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	10-APR-13	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	10-APR-13	Finding:	76.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	6.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	105.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	57.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	161.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	636.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	10-APR-13	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

Dlr:	0.		
Sample date:	10-APR-13	Finding:	220.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	10-APR-13	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	10-APR-13	Finding:	1540.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	10-APR-13	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	02-APR-13	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-MAR-13	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAR-13	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAR-13	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-MAR-13	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-FEB-13	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-FEB-13	Finding:	7.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-FEB-13	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-JAN-13	Finding:	6.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-JAN-13	Finding:	6.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	15-JAN-13	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-13	Finding:	5.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-JAN-13	Finding:	1070.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	08-JAN-13	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	08-JAN-13	Finding:	1480.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-JAN-13	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-DEC-12	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-DEC-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-DEC-12	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-DEC-12	Finding:	4.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-NOV-12	Finding:	4.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-NOV-12	Finding:	4.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-NOV-12	Finding:	3.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-NOV-12	Finding:	3.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-NOV-12	Finding:	3.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-OCT-12	Finding:	3.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	16-OCT-12	Finding:	61.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	390.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-OCT-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-OCT-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	820.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	0.7
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	3.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	30.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	484.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	16-OCT-12	Finding:	12.6
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-OCT-12	Finding:	5.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	91.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	39.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	111.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	16-OCT-12	Finding:	437.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	16-OCT-12	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	1200.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-OCT-12	Finding:	21.6
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	08-OCT-12	Finding:	3.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-OCT-12	Finding:	5.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	25-SEP-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-SEP-12	Finding:	5.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-SEP-12	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	05-SEP-12	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-AUG-12	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-12	Finding:	6.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-AUG-12	Finding:	6.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	08-AUG-12	Finding:	5.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-AUG-12	Finding:	6.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-JUL-12	Finding:	5.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUL-12	Finding:	970.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	5.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-JUL-12	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	18-JUL-12	Finding:	450.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JUL-12	Finding:	4.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JUN-12	Finding:	4.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-JUN-12	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JUN-12	Finding:	5.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	06-JUN-12	Finding:	4.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	29-MAY-12	Finding:	4.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-MAY-12	Finding:	6.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-MAY-12	Finding:	6.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	09-MAY-12	Finding:	5.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	02-MAY-12	Finding:	6.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-APR-12	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	12.2
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1500.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-APR-12	Finding:	563.
Chemical:	RADON 222	Report units:	PCI/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	28.8
Chemical:	RADON 222 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	0.3
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	6.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	0.3
Chemical:	LANGELIER INDEX AT SOURCE TEMP.	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1020.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	700.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	17-APR-12	Finding:	0.6
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	17-APR-12	Finding:	480.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	17-APR-12	Finding:	62.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L

Dlr:	0.		
Sample date:	17-APR-12	Finding:	94.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	50.
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	141.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	558.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	17-APR-12	Finding:	240.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	200.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	17-APR-12	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	17-APR-12	Finding:	1420.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	17-APR-12	Finding:	25.5
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-12	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	04-APR-12	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-MAR-12	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-MAR-12	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-MAR-12	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Sample date:	07-MAR-12	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-MAR-12	Finding:	7.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	23-FEB-12	Finding:	8.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-FEB-12	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	08-FEB-12	Finding:	7.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	01-FEB-12	Finding:	7.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-JAN-12	Finding:	7.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-JAN-12	Finding:	7.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-JAN-12	Finding:	7.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JAN-12	Finding:	7.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	03-JAN-12	Finding:	1050.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	03-JAN-12	Finding:	510.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-JAN-12	Finding:	1460.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

AH209
North
1/2 - 1 Mile
Higher

CA WELLS **CAPFAS000000002**

Well ID:	5610046-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02A	GAMA PFAS Testing:	Yes
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610046-004&store_num=		

GeoTracker Data: Not Reported

AH210
North
1/2 - 1 Mile
Higher

CA WELLS **CADDW0000004334**

Well ID:	5610046-004	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02A	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610046-004&store_num=		
GeoTracker Data:	Not Reported		

AF211
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000004571**

Well ID:	T0611152703-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611152703&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611152703&assigned_name=MW4		

AF212
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092690**

Well ID:	T0611100817-MW7A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW7A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW7A		

AF213
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003046**

Well ID:	T0611100817-MW7B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW7B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW7B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW7B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF214
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000001031**

Well ID:	02N22W25P004S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W25P004S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25P004S&store_num=		
GeoTracker Data:	Not Reported		

AF215
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000006508**

Well ID:	02N22W25P003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W25P003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25P003S&store_num=		
GeoTracker Data:	Not Reported		

AF216
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000017389**

Well ID:	02N22W25P001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W25P001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W25P001S&store_num=		
GeoTracker Data:	Not Reported		

AF217
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000051940**

Well ID:	T0611100817-MW4B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW4B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW4B		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF218
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000042243**

Well ID:	T0611100817-MW4A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW4A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW4A		

AH219
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000034820**

Well ID:	02N22W23G001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W23G001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W23G001S&store_num=		
GeoTracker Data:	Not Reported		

AH220
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000007721**

State Well #:	02N22W23G001S	Station ID:	27399
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

AF221
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000087545**

Well ID:	T0611100817-GP13	Well Type:	MONITORING
Source:	EDF	Other Name:	GP13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP13		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF222
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000142288**

Well ID:	T0611100817-GP15	Well Type:	MONITORING
Source:	EDF	Other Name:	GP15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP15		

AF223
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000068136**

Well ID:	T0611100817-GP16	Well Type:	MONITORING
Source:	EDF	Other Name:	GP16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP16		

AE224
WSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000003242**

Well ID:	5610035-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5610035-001&store_num=		
GeoTracker Data:	Not Reported		

AF225
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000064747**

Well ID:	T0611100817-GP14	Well Type:	MONITORING
Source:	EDF	Other Name:	GP14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP14		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AI226
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000118410**

Well ID:	T061119012-CPT-48	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-48
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=CPT-48&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=CPT-48		

AJ227
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000009648**

Well ID:	T0611100817-MW9D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW9D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW9D		

AJ228
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067083**

Well ID:	T0611100817-MW9B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW9B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW9B		

AJ229
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000081593**

Well ID:	T0611100817-MW9A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW9A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW9A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW9A		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF230
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000035652**

Well ID:	T0611100817-GP10	Well Type:	MONITORING
Source:	EDF	Other Name:	GP10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=GP10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=GP10		

AI231
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000045902**

Well ID:	T061119012-CPT-44	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-44
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=CPT-44&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=CPT-44		

AK232
ESE
1/2 - 1 Mile
Lower

CA WELLS **2307**

Seq:	2307	Prim sta c:	02N/22W-25L03 S
Frds no:	5602111002	County:	56
District:	06	User id:	TAP
System no:	5602111	Water type:	G
Source nam:	WELL 03 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341330.0	Longitude:	1190820.0
Precision:	2	Status:	DS
Comment 1:	WELL IS LOCATED ON SOUTHWEST END OF PROPERTY NEXT TO FRONT FENCE AT 31		
Comment 2:	OXNARD	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	5602111	System nam:	Nyeland Acres Mutual Water Co
Hqname:	Not Reported	Address:	3190 SANTA CLARA AVE.
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1072	Connection:	325
Area serve:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AK233
ESE
1/2 - 1 Mile
Lower

CA WELLS **2306**

Seq:	2306	Prim sta c:	02N/22W-25L02 S
Frds no:	5602111001	County:	56
District:	06	User id:	TAP
System no:	5602111	Water type:	G
Source nam:	WELL 02 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341330.0	Longitude:	1190820.0
Precision:	2	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	5602111	System nam:	Nyeland Acres Mutual Water Co
Hqname:	Not Reported	Address:	3190 SANTA CLARA AVE.
City:	OXNARD	State:	CA
Zip:	93030	Zip ext:	Not Reported
Pop serv:	1072	Connection:	325
Area serve:	Not Reported		

AK234
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00005582**

Well ID:	USGS-341300119080001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-341300119080001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-341300119080001&store_num=		
GeoTracker Data:	Not Reported		

AK235
ESE
1/2 - 1 Mile
Lower

CA WELLS **CAUSGS000001157**

Well ID:	SCRVU-01	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Name:	SCRVU-01	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=SCRVU-01&store_num=		
GeoTracker Data:	Not Reported		

AH236
North
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000035652**

Well ID:	02N22W23G003S	Well Type:	UNK
Source:	Department of Water Resources		

Other Name: 02N22W23G003S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W23G003S&store_num=
GeoTracker Data: Not Reported

AK237
ESE **CA WELLS** **CADDW0000021897**
1/2 - 1 Mile
Lower

Well ID: 5602111-003 Well Type: MUNICIPAL
Source: Department of Health Services
Other Name: WELL 04 GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5602111-003&store_num=
GeoTracker Data: Not Reported

AI238
SSW **CA WELLS** **CAEDF0000112649**
1/2 - 1 Mile
Lower

Well ID: T061119012-CPT-49 Well Type: MONITORING
Source: EDF Other Name: CPT-49
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=CPT-49&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=CPT-49

AF239
SE **CA WELLS** **CAEDF0000039850**
1/2 - 1 Mile
Lower

Well ID: T0611100817-MW11A Well Type: MONITORING
Source: EDF Other Name: MW11A
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW11A&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW11A

AF240
SE **CA WELLS** **CAEDF0000125363**
1/2 - 1 Mile
Lower

Well ID: T0611100817-MW11B Well Type: MONITORING
Source: EDF Other Name: MW11B
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW11B&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW11B

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF241
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000064900**

Well ID:	T0611100817-MW11D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW11D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW11D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW11D		

AI242
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000033887**

Well ID:	T061119012-CPT-46	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-46
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=CPT-46&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=CPT-46		

AF243
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000138112**

Well ID:	T0611100817-MW10B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW10B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW10B		

AF244
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000075169**

Well ID:	T0611100817-MW10D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW10D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW10D		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AF245
SE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000066511**

Well ID:	T0611100817-MW10A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW10A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611100817&assigned_name=MW10A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611100817&assigned_name=MW10A		

AI246
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000095191**

Well ID:	T061119012-CPT-45	Well Type:	MONITORING
Source:	EDF	Other Name:	CPT-45
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T061119012&assigned_name=CPT-45&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T061119012&assigned_name=CPT-45		

247
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000016609**

Well ID:	5602402-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5602402-002&store_num=		
GeoTracker Data:	Not Reported		

AG248
WNW
1/2 - 1 Mile
Lower

CA WELLS **2285**

Seq:	2285	Prim sta c:	02N/22W-22Q04 S
Frds no:	5602402001	County:	56
District:	06	User id:	TAP
System no:	5602402	Water type:	G
Source nam:	WELL 01 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	341408.0	Longitude:	1191009.0
Precision:	2	Status:	DS
Comment 1:	OXNARD; SOUTH END OF SCHOOL YARD BY FENCE		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported

System no:	5602402	System nam:	El Rio School
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	450	Connection:	0
Area serve:	Not Reported		

AL249
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000128582**

Well ID:	T0611171573-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-7		

AL250
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000066369**

Well ID:	T0611171573-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-1		

AL251
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000057173**

Well ID:	T0611171573-MW-1A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-1A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-1A		

AL252
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000073438**

Well ID:	T0611171573-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-6&store_num=		

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-6

AL253
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000114982**

Well ID:	T0611171573-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-2		

AL254
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000047068**

Well ID:	T0611171573-MW-2A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-2A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-2A		

AL255
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000055709**

Well ID:	T0611171573-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-4		

AL256
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000124092**

Well ID:	T0611171573-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

AL257
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000129194**

Well ID:	T0611171573-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-8		

258
SE
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000007614**

State Well #:	02N22W25N002S	Station ID:	27403
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Oxnard	Well Completion Rpt #:	Not Reported

AL259
WNW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000033116**

Well ID:	T0611171573-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-5		

AK260
ESE
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000018384**

Well ID:	5602111-002	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 03 - DESTROYED	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5602111-002&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
AK261 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADDW0000010336**

Well ID:	5602111-001	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 02 - INACTIVE	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=5602111-001&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
262 **WSW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR0000022804**

Well ID:	02N22W27K001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	02N22W27K001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=02N22W27K001S&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
AL263 **WNW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000033959**

Well ID:	T0611171573-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0611171573&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0611171573&assigned_name=MW-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
NE **OIL_GAS** **CAOG14000000488**
1/4 - 1/2 Mile

API #:	0411105802	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	McGrath-McCormick	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

2
NW **OIL_GAS** **CAOG14000000464**
1/4 - 1/2 Mile

API #:	0411105778	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Snodgrass	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

3
SSW **OIL_GAS** **CAOG14000000460**
1/2 - 1 Mile

API #:	0411105774	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	McGrath	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

4
SSE **OIL_GAS** **CAOG14000000458**
1/2 - 1 Mile

API #:	0411105772	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Diedrich	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

5
SSW
1/2 - 1 Mile

OIL_GAS **CAOG14000000461**

API #:	0411105775	Well #:	2B
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	McGrath	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

6
NE
1/2 - 1 Mile

OIL_GAS **CAOG14000000489**

API #:	0411105803	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Donlon	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

A7
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209328**

API #:	0411120416	Well #:	2A
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

A8
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209319**

API #:	0411120421	Well #:	3
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

A9
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209320**

API #:	0411120426	Well #:	4A
Well Status:	Idle	Well Type:	Water Disposal
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

A10
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209350**

API #:	0411120446	Well #:	1
Well Status:	Idle	Well Type:	Water Disposal
Lease Name:	Friedrich Unit 2	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

A11
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209349**

API #:	0411120438	Well #:	5
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

A12
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209352**

API #:	0411120468	Well #:	2
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 3	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	08/06/1973		

Map ID
Direction
Distance

Database EDR ID Number

A13
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209324**

API #:	0411120805	Well #:	3
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 2	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

14
North
1/2 - 1 Mile

OIL_GAS **CAOG14000000459**

API #:	0411105773	Well #:	2-1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Cohn	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

A15
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209329**

API #:	0411120390	Well #:	1
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

A16
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209340**

API #:	0411121829	Well #:	6
Well Status:	Active	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	07/29/1996		

Map ID
Direction
Distance

Database EDR ID Number

A17
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209336**

API #:	0411121871	Well #:	10
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	10/16/1997		

A18
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209337**

API #:	0411121867	Well #:	8
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	08/04/1997		

A19
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209343**

API #:	0411121858	Well #:	7
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	07/15/1997		

A20
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209344**

API #:	0411121856	Well #:	5
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 2	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	05/02/1997		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

A21
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209348**

API #:	0411120457	Well #:	2
Well Status:	Plugged	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 2	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	Not Reported		

A22
East
1/2 - 1 Mile

OIL_GAS **CAOG14000209338**

API #:	0411121868	Well #:	9
Well Status:	Active	Well Type:	Oil & Gas
Lease Name:	Friedrich Unit 1	Field Name:	Santa Clara Avenue
Area Name:	Any Area	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	08/26/1997		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93036	18	1

Federal EPA Radon Zone for VENTURA County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for VENTURA COUNTY, CA

Number of sites tested: 135

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.185 pCi/L	96%	4%	0%
Living Area - 2nd Floor	0.800 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Rio Del Valle Middle School Expansion Phase I ESA

2600 North Rose Avenue

Oxnard, CA 93036

Inquiry Number: 6441237.3

April 08, 2021

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

04/08/21

Site Name:

Rio Del Valle Middle School Ex
2600 North Rose Avenue
Oxnard, CA 93036
EDR Inquiry # 6441237.3

Client Name:

Tetra Tech, Inc.
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Contact: Jim Steele

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 01B2-4B88-9BC1

PO # 41363

Project Rio Del Valle Middle School

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 01B2-4B88-9BC1

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Rio Del Valle Middle School Expansion Phase I ESA
2600 North Rose Avenue
Oxnard, CA 93036

Inquiry Number: 6441237.5
April 09, 2021

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

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Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

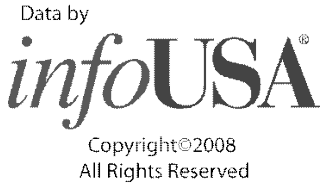
Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1926 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2017	Cole Information Services	X	X	X	-
2014	Cole Information Services	X	X	X	-
2009	Cole Information Services	X	X	X	-
2004	Cole Information Services	X	X	X	-
2002	Haines & Company, Inc.	-	X	X	-
2000	Pacific Bell Telephone Co	-	-	-	-
1999	Cole Information Services	-	X	X	-
1996	Pacific Bell	-	X	X	-
1994	Cole Information Services	X	X	X	-
1993	GTE	-	X	X	-
	GTE	X	X	X	-
1986	Pacific Bell	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1986	Pacific Bell	X	X	X	-
1985	Pacific Telephone Co	-	X	X	-
	Pacific Telephone Co	X	X	X	-
1980	Polk	-	X	X	-
	Polk	X	X	X	-
1976	R. L. Polk & Co.	-	X	X	-
1975	General Telephone Company of California	-	X	X	-
	General Telephone Company of California	X	X	X	-
	Pacific Telephone Co	-	X	X	-
	Pacific Telephone Co	X	X	X	-
1971	B&G Publications	-	-	-	-
1970	General Telephone Company of California	-	X	X	-
	General Telephone Company of California	X	X	X	-
1968	B&G Publications	-	-	-	-
1965	R. L. Polk & Co.	-	X	X	-
1964	Pacific Telephone Co	-	X	X	-
1961	R. L. Polk & Co.	-	X	X	-
1957	R. L. Polk & Co.	-	-	-	-
1953	R. L. Polk & Co. of California	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1940	Southern California	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	***Type***	***Findings***
1501 Auto Center Drive	Client Entered	X
1511 Auto Center Drive	Client Entered	X
1521 Auto Center Drive	Client Entered	X
3100 North Rose Avenue	Client Entered	X
2953 North Rose Avenue	Client Entered	
1277 Collins Street	Client Entered	X
1352 Orange Drive	Client Entered	
1350 Collins Street	Client Entered	X
3140 North Rose Avenue	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

2600 North Rose Avenue
Oxnard, CA 93036

FINDINGS DETAIL

Target Property research detail.

N ROSE AVE

2600 N ROSE AVE

Year	*Uses*	*Source*
2017	MICHAEL DOUD	Cole Information Services
2014	MICHAEL DOUD	Cole Information Services
2009	ROSE DOUD AVENUE FAMILY LTD PARTNERS	Cole Information Services
2004	THOMAS DOUD	Cole Information Services
1994	DOUD, MICHAEL V	Cole Information Services
1993	Doud M Vincent	GTE
1986	Daud M Vincent	Pacific Bell
1985	Doud M Vincent	Pacific Telephone Co
1980	Doud M Vincent	Polk
1975	Doud M Vincent	General Telephone Company of California
	Doud M Vincent	Pacific Telephone Co
1970	Doud M Vincent	General Telephone Company of California

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

AUTO CENTER DR

1501 AUTO CENTER DR

Year	Uses	Source
2017	VISTA FORD OF OXNARD	Cole Information Services
	VISTA FORD OXNARD LLC	Cole Information Services
2014	VISTA FORD LINCOLN OF OXNARD	Cole Information Services
	VISTA FORD OF OXNARD	Cole Information Services
	VISTA FORD OXNARD LLC	Cole Information Services
2009	VISTA FORD OF OXNARD	Cole Information Services
	DISTA FORD	Cole Information Services
2004	THADDEUS BOOKMYER	Cole Information Services

1511 AUTO CENTER DR

Year	Uses	Source
2017	MERCEDESBENZ	Cole Information Services
	MERCEDEZ BENZ OF OXNARD	Cole Information Services
	TEAM NISSAN	Cole Information Services
2014	MERCEDESBENZ OF OXNARD	Cole Information Services
	TEAM NISSAN	Cole Information Services
2004	MIKE WALLACE	Cole Information Services

1521 AUTO CENTER DR

Year	Uses	Source
2017	HYUNDAITODEY	Cole Information Services
	DCH AUTO GROUP	Cole Information Services
2014	DCH AUTO GROUP	Cole Information Services
	AUDI OXNARD	Cole Information Services
	DCH AUDI OXNARD	Cole Information Services
2004	TODEY MAZDA	Cole Information Services
1999	TODEY MAZDA HYUNDAI	Cole Information Services
	HYUNDAI TODEY	Cole Information Services
	SUPERCARE USED CARS	Cole Information Services
	MAZDA TODEY	Cole Information Services

FINDINGS

Auto Center Drive

1501 Auto Center Drive

Year	Uses	Source
2002	VISTA FORDPOF OXNRD	Haines & Company, Inc.

1511 Auto Center Drive

Year	Uses	Source
2002	MIKEWALLACE	Haines & Company, Inc.
	NISSAN	Haines & Company, Inc.
	N 6 SSANTEAM	Haines & Company, Inc.
	WALLACE MIKE	Haines & Company, Inc.
	NISSAN	Haines & Company, Inc.

1521 Auto Center Drive

Year	Uses	Source
2002	HYUNDA 5 TODEY	Haines & Company, Inc.
	MAZDATODEY	Haines & Company, Inc.
	TODEY HYUNDAI TODEYM	Haines & Company, Inc.
	HYUNDAI	Haines & Company, Inc.
	TODEYMAZDA	Haines & Company, Inc.

COILNS

1128 COILNS

Year	Uses	Source
1975	Amaro Manuel P	Pacific Telephone Co

COLINS

1177 COLINS

Year	Uses	Source
1975	Fransen Leonard	Pacific Telephone Co
1964	Oxnard Window Cleaners	Pacific Telephone Co

1278 COLINS

Year	Uses	Source
1975	Henson Ernest C	Pacific Telephone Co

FINDINGS

COLLINS

1127 COLLINS

Year	Uses	Source
1964	Carson Gavottie	Pacific Telephone Co
1961	Carson Kit hu	R. L. Polk & Co.

1128 COLLINS

Year	Uses	Source
1964	Amaro P M	Pacific Telephone Co
1961	Sanders Sidney	R. L. Polk & Co.

1142 COLLINS

Year	Uses	Source
1961	Sullivan John	R. L. Polk & Co.

1177 COLLINS

Year	Uses	Source
1964	Fransen Leonard	Pacific Telephone Co
1961	Fransen Leonard C hu	R. L. Polk & Co.

1180 COLLINS

Year	Uses	Source
1961	Rayes Rudy	R. L. Polk & Co.
	No Return	R. L. Polk & Co.

1227 COLLINS

Year	Uses	Source
1964	Pease Donald C	Pacific Telephone Co
1961	Pease Donald C hu	R. L. Polk & Co.

1228 COLLINS

Year	Uses	Source
1964	Hatter J T	Pacific Telephone Co
1961	Hatter J Tom n HU	R. L. Polk & Co.

1277 COLLINS

Year	Uses	Source
1961	Faith Tabernacle Ch hu	R. L. Polk & Co.

FINDINGS

1278 COLLINS

Year	Uses	Source
1961	Villega Louis R hu	R. L. Polk & Co.

1350 COLLINS

Year	Uses	Source
1961	Mora John A b HU	R. L. Polk & Co.

1354 COLLINS

Year	Uses	Source
1964	Mora John A	Pacific Telephone Co

COLLINS DR

1127 COLLINS DR

Year	Uses	Source
1965	CARSON KIT	R. L. Polk & Co.

1128 COLLINS DR

Year	Uses	Source
1965	AMARO MANUEL	R. L. Polk & Co.

1142 COLLINS DR

Year	Uses	Source
1970	Ybarra Nick	General Telephone Company of California
1965	YBARRA NICK	R. L. Polk & Co.
1964	Moran Anthony J	Pacific Telephone Co

1146 COLLINS DR

Year	Uses	Source
1965	WHITE R 08 T J	R. L. Polk & Co.

1168 COLLINS DR

Year	Uses	Source
1965	YBARRA FRANK	R. L. Polk & Co.

1177 COLLINS DR

Year	Uses	Source
1965	FRANSEN LEONARD C	R. L. Polk & Co.

FINDINGS

1180 COLLINS DR

Year	Uses	Source
1965	REAR MORAGA R 08 T L	R. L. Polk & Co.
	MARTINEZ RUDY	R. L. Polk & Co.

1210 COLLINS DR

Year	Uses	Source
1965	VACA NT	R. L. Polk & Co.

1227 COLLINS DR

Year	Uses	Source
1965	PEASE DONALD C	R. L. Polk & Co.

1228 COLLINS DR

Year	Uses	Source
1965	HATTER JAMES T	R. L. Polk & Co.

1230 COLLINS DR

Year	Uses	Source
1975	Gordon Wm E	Pacific Telephone Co

1277 COLLINS DR

Year	Uses	Source
1965	FAITH TABERNACLE CHURCH	R. L. Polk & Co.

1278 COLLINS DR

Year	Uses	Source
1986	Wilson Wm	Pacific Bell
1965	VILLEGAS LOUIS R	R. L. Polk & Co.

1350 COLLINS DR

Year	Uses	Source
1965	MAESTAS JOHN	R. L. Polk & Co.

1354 COLLINS DR

Year	Uses	Source
1965	MORA JOHN A	R. L. Polk & Co.

FINDINGS

Collins Street

1277 Collins Street

Year	Uses	Source
2002	IGLESIANi Cnsro IGLESIANi Cr 0lo	Haines & Company, Inc.
	MAGLAYA Romeo	Haines & Company, Inc.
1993	Iglesia Ni Cristo	GTE
	Maglaya Romeo	GTE
	Iglesia Ni Cristo	GTE
	Iglesias Daniel	GTE
	Maglaya Romeo	GTE
1965	FAITH TABERNACLE CHURCH	R. L. Polk & Co.
1961	Faith Tabernacle Ch hu	R. L. Polk & Co.

1350 Collins Street

Year	Uses	Source
2002	MORA 6 A 8 Hred B	Haines & Company, Inc.
1993	Mora Alfred	GTE
	Mora Alfred	GTE
1965	MAESTAS JOHN	R. L. Polk & Co.
1961	Mora John A b HU	R. L. Polk & Co.

COLLNS

1122 COLLNS

Year	Uses	Source
1980	Amaro Manuel E	Polk

1128 COLLNS

Year	Uses	Source
1986	Amaro Manuel P	Pacific Bell
1985	Amaro Manuel P	Pacific Telephone Co
1980	Cisneros David	Polk
	Amaro Manuel P	Polk

1142 COLLNS

Year	Uses	Source
1986	Ybarra Nick	Pacific Bell
1985	Ybarra Nick	Pacific Telephone Co
1980	Foshee Eugene	Polk
	Ybarra Nick	Polk

FINDINGS

1146 COLLNS

Year	Uses	Source
1986	Martinez Eileen	Pacific Bell
1985	Martinez Eileen	Pacific Telephone Co
1980	Martinez Eileen	Polk
1975	George Jerry	General Telephone Company of California

1177 COLLNS

Year	Uses	Source
1980	Fransen Leonard	Polk

1180 COLLNS

Year	Uses	Source
1986	Moraga Nellie A	Pacific Bell
1985	Moraga Nellie A	Pacific Telephone Co
1980	Moraga Nellie A	Polk

1227 COLLNS

Year	Uses	Source
1986	Pease Donald C & Fern	Pacific Bell
	Pease Gerine	Pacific Bell
1980	Pease Donald C & Fern	Polk
1975	Pease Donald C	General Telephone Company of California
	Pease Donald C	Pacific Telephone Co

1228 COLLNS

Year	Uses	Source
1986	Hatter J T	Pacific Bell
1985	Hatter J T	Pacific Telephone Co
1980	Hatter J T	Polk
1975	Hatter J T	General Telephone Company of California
	Hatter J T	Pacific Telephone Co

1230 COLLNS

Year	Uses	Source
1980	Green R	Polk

1236 COLLNS

Year	Uses	Source
1986	Mc Kenna Curtis J	Pacific Bell
	Richrath Paul B	Pacific Bell

FINDINGS

Year	Uses	Source
1985	Mc Kenna Curtis J	Pacific Telephone Co
	Richrath Paul B	Pacific Telephone Co
1980	Mc Kenna Curtis J	Polk
1975	Drake John	General Telephone Company of California
	Drake John	Pacific Telephone Co
1970	Spivey Chester	General Telephone Company of California

1277 COLLNS

Year	Uses	Source
1986	Iglesia Ni Cristo	Pacific Bell
1985	Iglesia Ni Cristo	Pacific Telephone Co

1278 COLLNS

Year	Uses	Source
1985	Wilson Wm	Pacific Telephone Co
1980	Wilson Wm	Polk
1975	Henson Ernest C	General Telephone Company of California

1280 COLLNS

Year	Uses	Source
1975	Turley Muriii G	General Telephone Company of California
	Turley Murhi G	Pacific Telephone Co

1350 COLLNS

Year	Uses	Source
1986	Mora C @Oxnard	Pacific Bell
	Mora Alfred	Pacific Bell
1985	Mora Alfred	Pacific Telephone Co
1980	Mora Alfred	Polk
1975	Mora Alfred	Pacific Telephone Co
1970	Mora Alfred	General Telephone Company of California

1354 COLLNS

Year	Uses	Source
1970	Mora Carmen	General Telephone Company of California

COLNS

1350 COLNS

Year	Uses	Source
1975	Mora Alfred	General Telephone Company of California

FINDINGS

E COLLINS ST

1127 E COLLINS ST

Year	Uses	Source
2017	DALE PYLE	Cole Information Services
	DALE PYLE	Cole Information Services
2014	DALE PYLE	Cole Information Services
	DALE PYLE	Cole Information Services
2009	INSTANT LAWN	Cole Information Services
	INSTANT LAWN	Cole Information Services
2002	COLVIN John	Haines & Company, Inc.
	AMESFred F B COLV	Haines & Company, Inc.

1128 E COLLINS ST

Year	Uses	Source
2002	FUSILIER C 014s 16 Irene 805 485 7031 n l	Haines & Company, Inc.
1993	Amaro Manuel P	GTE
	Amaro Manuel P	GTE

1142 E COLLINS ST

Year	Uses	Source
2017	NICK YBARRA	Cole Information Services
	NICK YBARRA	Cole Information Services
2014	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	B CORTEZ	Cole Information Services
	B CORTEZ	Cole Information Services
2004	NICK YBARRA	Cole Information Services
	NICK YBARRA	Cole Information Services
2002	6 YBARRA Nck 905 465 25 E	Haines & Company, Inc.
1999	B CORTEZ	Cole Information Services
	B CORTEZ	Cole Information Services
1994	YBARRA, NICK	Cole Information Services
	YBARRA, NICK	Cole Information Services
1993	Ybarra Nick	GTE
	Ybarra Nick	GTE
	Cisneros Irene	GTE
	Cisneros Irene	GTE

FINDINGS

1145 E COLLINS ST

Year	Uses	Source
2017	AMBER MYERS	Cole Information Services
	AMBER MYERS	Cole Information Services
2014	ANGELICA JIMENEZ	Cole Information Services
	ANGELICA JIMENEZ	Cole Information Services
2009	CLARA JIMENEZ	Cole Information Services
	CLARA JIMENEZ	Cole Information Services
2004	CLARA JIMENEZ	Cole Information Services
	CLARA JIMENEZ	Cole Information Services
2002	MENNE 9 Mark 805 604 1179 i	Haines & Company, Inc.
	PYLEDale	Haines & Company, Inc.
1999	CLARA JIMENEZ	Cole Information Services
	CLARA JIMENEZ	Cole Information Services
1994	AMES, FRED F	Cole Information Services
	AMES, FRED F	Cole Information Services
1993	Ames Fred F	GTE
	Ames Fred F	GTE

1146 E COLLINS ST

Year	Uses	Source
2017	TERESA YBARRA	Cole Information Services
	TERESA YBARRA	Cole Information Services
2014	TERESA YBARRA	Cole Information Services
	TERESA YBARRA	Cole Information Services
2009	NICK YBARRA	Cole Information Services
	NICK YBARRA	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	NICK YBARRA	Cole Information Services
	NICK YBARRA	Cole Information Services
1993	Martinez Eieen	GTE
	Martinez Eieen	GTE

1147 E COLLINS ST

Year	Uses	Source
2017	NATALIE PRADO	Cole Information Services
	NATALIE PRADO	Cole Information Services
2014	NATALIE PRADO	Cole Information Services
	NATALIE PRADO	Cole Information Services

FINDINGS

Year	Uses	Source
2009	DALE PYLE	Cole Information Services
	DALE PYLE	Cole Information Services
2004	DALE PYLE	Cole Information Services
	DALE PYLE	Cole Information Services
2002	r PYLEDale	Haines & Company, Inc.
	INSTANT LAWN INC	Haines & Company, Inc.
1999	DALE PYLE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	INSTANT LAWN INCORPORATED	Cole Information Services
	DALE PYLE	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	INSTANT LAWN INCORPORATED	Cole Information Services
1994	NOBLE, H	Cole Information Services
	NOBLE, H	Cole Information Services
1993	Noble H	GTE
	Noble H	GTE

1168 E COLLINS ST

Year	Uses	Source
2014	PEDRO MORALES	Cole Information Services
	PEDRO MORALES	Cole Information Services
2009	ELSA YBARRA	Cole Information Services
	ELSA YBARRA	Cole Information Services
2004	SOCORRO YBARRA	Cole Information Services
	SOCORRO YBARRA	Cole Information Services
2002	YBARRASocorro 00 a	Haines & Company, Inc.
1999	ELSA YBARRA	Cole Information Services
	ELSA YBARRA	Cole Information Services
1994	MENDOZAAVILA, IRMA	Cole Information Services
	MENDOZAAVILA, IRMA	Cole Information Services
1993	Ruiz Avila Luis	GTE
	Ruiz Avila Luis	GTE

1177 E COLLINS ST

Year	Uses	Source
2009	E CRISOSTOMO	Cole Information Services
	E CRISOSTOMO	Cole Information Services
2002	XXXX	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services

FINDINGS

Year	Uses	Source
1999	E CRISOSTOMO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	E CRISOSTOMO	Cole Information Services
1994	COLVIN, JOHN	Cole Information Services
	COLVIN, JOHN	Cole Information Services
1993	Colvin John & Geri	GTE
	Colvin L TO	GTE
	Colvin John & Geri	GTE

1180 E COLLINS ST

Year	Uses	Source
2017	EVANGELINA GALVAN	Cole Information Services
	EVANGELINA GALVAN	Cole Information Services
2014	OCCUPANT UNKNOWN	Cole Information Services
	LUCIA BUZO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	LUCIA BUZO	Cole Information Services
2009	LUCIA BUZO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	LUCIA BUZO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	LUCIA BUZO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	LUCIA BUZO	Cole Information Services

1190 E COLLINS ST

Year	Uses	Source
2002	MORAGAConne	Haines & Company, Inc.

1227 E COLLINS ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	FERNANDO MEDINA	Cole Information Services

FINDINGS

Year	Uses	Source
2004	FERNANDO MEDINA	Cole Information Services
2002	OCARBONELLEslan	Haines & Company, Inc.
1994	PEASE, DONALD C	Cole Information Services
	PEASE, DONALD C	Cole Information Services
1993	Pease Donald C & Fern	GTE
	Pease G @Thousand Oaks	GTE
	Pease Donald C & Fern	GTE
	Pease Gene	GTE
	Pease Helicopter @Camarillo	GTE

1228 E COLLINS ST

Year	Uses	Source
2017	RAFAEL TORRES	Cole Information Services
	RAFAEL TORRES	Cole Information Services
2014	RAFAEL TORRES	Cole Information Services
	RAFAEL TORRES	Cole Information Services
2009	RAFAEL TORREZ	Cole Information Services
	TORRES MOBILE REPAIR	Cole Information Services
	RAFAEL TORREZ	Cole Information Services
	TORRES MOBILE REPAIR	Cole Information Services
2004	MARTIN TORRES	Cole Information Services
	MARTIN TORRES	Cole Information Services
2002	TORRES Magdalena 805 888 1944 I	Haines & Company, Inc.
	TORRES Veronlca 805 04 936 S	Haines & Company, Inc.
1999	RAFAEL TORREZ	Cole Information Services
	RAFAEL TORREZ	Cole Information Services
1994	HATTER, JAMES T	Cole Information Services
	HATTER, JAMES T	Cole Information Services
1993	Hatter J T	GTE
	Hatter J T	GTE

1230 E COLLINS ST

Year	Uses	Source
2017	MICHAEL STUBBLEFIELD	Cole Information Services
	MICHAEL STUBBLEFIELD	Cole Information Services
2014	MICHAEL STUBBLEFIELD	Cole Information Services
	MICHAEL STUBBLEFIELD	Cole Information Services
2009	MICHAEL STUBBLEFIELD	Cole Information Services
	MICHAEL STUBBLEFIELD	Cole Information Services

FINDINGS

Year	Uses	Source
2004	MICHAEL STUBBLEFIELD	Cole Information Services
	MICHAEL STUBBLEFIELD	Cole Information Services
2002	STUBBLEIELOM	Haines & Company, Inc.
1999	MICHAEL STUBBLEFIELD	Cole Information Services
	MICHAEL STUBBLEFIELD	Cole Information Services

1236 E COLLINS ST

Year	Uses	Source
2014	MONICA GOMEZ	Cole Information Services
	MONICA GOMEZ	Cole Information Services
2009	MONICA GOMEZ	Cole Information Services
	MONICA GOMEZ	Cole Information Services
2004	MARISSA WEST	Cole Information Services
	ROBERT ORTIZ	Cole Information Services
	MONICA GOMEZ	Cole Information Services
	ORTIZ ROLL OFF SERVICE	Cole Information Services
	MARISSA WEST	Cole Information Services
	ROBERT ORTIZ	Cole Information Services
	MONICA GOMEZ	Cole Information Services
	ORTIZ ROLL OFF SERVICE	Cole Information Services
2002	GOME 2 Mon Ica 865 861 8 S i	Haines & Company, Inc.
	ORTIZMiguel Angel Jr	Haines & Company, Inc.
1999	MONICA GOMEZ	Cole Information Services
	MONICA GOMEZ	Cole Information Services
1994	MCKENNA, CURTIS J	Cole Information Services
	RICHRATH, PAUL B	Cole Information Services
	MCKENNA, CURTIS J	Cole Information Services
	RICHRATH, PAUL B	Cole Information Services
1993	Richrath Paul B	GTE
	Mc Kenna Curtis J	GTE
	Mc Kenna Curtis J	GTE
	Richrath Paul B	GTE

1277 E COLLINS ST

Year	Uses	Source
2017	LEONIDA MENDOZA	Cole Information Services
	IGLESIA NI CRISTO	Cole Information Services
	LEONIDA MENDOZA	Cole Information Services
	IGLESIA NI CRISTO	Cole Information Services

FINDINGS

Year	*Uses*	*Source*
2017	LEONIDA MENDOZA	Cole Information Services
	IGLESIA NI CRISTO	Cole Information Services
2014	IGLESIA NI CRISTO	Cole Information Services
	NI IGLESIA	Cole Information Services
	ROMEO MAGLAYA	Cole Information Services
	EDGAR CABA	Cole Information Services
	IGLESIA NI CRISTO	Cole Information Services
	NI IGLESIA	Cole Information Services
	ROMEO MAGLAYA	Cole Information Services
	EDGAR CABA	Cole Information Services
	IGLESIA NI CRISTO	Cole Information Services
	NI IGLESIA	Cole Information Services
	ROMEO MAGLAYA	Cole Information Services
	EDGAR CABA	Cole Information Services
2009	NI IGLESIA	Cole Information Services
	IGLESIA NI CRISTO	Cole Information Services
	ROMEO MAGLAYA	Cole Information Services
	NI IGLESIA	Cole Information Services
	IGLESIA NI CRISTO	Cole Information Services
	ROMEO MAGLAYA	Cole Information Services
	NI IGLESIA	Cole Information Services
	IGLESIA NI CRISTO	Cole Information Services
	ROMEO MAGLAYA	Cole Information Services
2004	ROMEO MAGLAYA	Cole Information Services
	ROMEO MAGLAYA	Cole Information Services
	ROMEO MAGLAYA	Cole Information Services
2002	IGLESIANi Cnsro IGLESIANi Cr 0lo	Haines & Company, Inc.
	MAGLAYA Romeo	Haines & Company, Inc.
1999	ROMEO MAGLAYA	Cole Information Services
	NI IGLESIA	Cole Information Services
	ROMEO MAGLAYA	Cole Information Services
	NI IGLESIA	Cole Information Services
	ROMEO MAGLAYA	Cole Information Services
	NI IGLESIA	Cole Information Services
1994	IGLESIA NI CRISTO	Cole Information Services
	MAGLAYA, ROMEO	Cole Information Services
	IGLESIA, NI C	Cole Information Services
	IGLESIA NI CRISTO	Cole Information Services

FINDINGS

Year	Uses	Source
1994	MAGLAYA, ROMEO	Cole Information Services
	IGLESIA, NI C	Cole Information Services
	IGLESIA NI CRISTO	Cole Information Services
	MAGLAYA, ROMEO	Cole Information Services
	IGLESIA, NI C	Cole Information Services
1993	Iglesia Ni Cristo	GTE
	Iglesias Daniel	GTE
	Iglesia Ni Cristo	GTE
	Maglaya Romeo	GTE
	Maglaya Romeo	GTE

1278 E COLLINS ST

Year	Uses	Source
2017	RICHARD COLEMAN	Cole Information Services
	RICHARD COLEMAN	Cole Information Services
2014	RICHARD COLEMAN	Cole Information Services
	RICHARD COLEMAN	Cole Information Services
2009	MICHAEL KEYS	Cole Information Services
	MICHAEL KEYS	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2002	KEYSMichael	Haines & Company, Inc.
1999	MICHAEL KEYS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	MICHAEL KEYS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	WILSON, WILLIAM	Cole Information Services
	WILSON, WILLIAM	Cole Information Services
1993	Wison Wm	GTE
	Wison Wm	GTE

1280 E COLLINS ST

Year	Uses	Source
2017	JOSHUA FLETCHER	Cole Information Services
	JOSHUA FLETCHER	Cole Information Services
2014	JOSHUA FLETCHER	Cole Information Services
	JOSHUA FLETCHER	Cole Information Services
2009	DIANA TURNER	Cole Information Services
	DIANA TURNER	Cole Information Services

FINDINGS

Year	Uses	Source
2002	XXXX	Haines & Company, Inc.
1999	DIANA TURNER	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	DIANA TURNER	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services

1282 E COLLINS ST

Year	Uses	Source
2017	TERRY TURNER	Cole Information Services
	TERRY TURNER	Cole Information Services
2014	REUBEN VILLEGAS	Cole Information Services
	REUBEN VILLEGAS	Cole Information Services
2009	JOHNNY VILLEGAS	Cole Information Services
	JOHNNY VILLEGAS	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2002	OVILLEGASC 61 Alde 00 C	Haines & Company, Inc.
1999	JOHNNY VILLEGAS	Cole Information Services
	JOHNNY VILLEGAS	Cole Information Services

1350 E COLLINS ST

Year	Uses	Source
2017	ALFRED MORA	Cole Information Services
	ALFRED MORA	Cole Information Services
	ALFRED MORA	Cole Information Services
2014	ALFRED MORA	Cole Information Services
	ALFRED MORA	Cole Information Services
	ALFRED MORA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	ALFRED MORA	Cole Information Services
	ALFRED MORA	Cole Information Services
	ALFRED MORA	Cole Information Services
2002	MORA 6 A 8 Hred B	Haines & Company, Inc.
1994	MORA, ALFRED	Cole Information Services
	MORA, ALFRED	Cole Information Services
	MORA, ALFRED	Cole Information Services
1993	Mora Alfred	GTE

Year	Uses	Source
1993	Mora Alfred	GTE

1354 E COLLINS ST

Year	Uses	Source
2017	JUAN MORA	Cole Information Services
	JUAN MORA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2002	MORAJuan 805 986 B	Haines & Company, Inc.

N ROSE AVE

2470 N ROSE AVE

Year	Uses	Source
2002	XXXX	Haines & Company, Inc.

2750 N ROSE AVE

Year	Uses	Source
1980	Nakamura Gary	Polk
1975	Lagomarsino Helen	Pacific Telephone Co
	Lagomarsino Helen	General Telephone Company of California

2815 N ROSE AVE

Year	Uses	Source
2017	SUSAN RIVERA	Cole Information Services
2014	LESLIE THOMAS	Cole Information Services
2009	TRISHA THOMAS	Cole Information Services
2004	TRISHA THOMAS	Cole Information Services
1999	TRISHA THOMAS	Cole Information Services
1994	THOMAS, LES W	Cole Information Services
1980	Thomas Les W	Polk
1975	Barajas Edw J	Pacific Telephone Co
	Barajas Edw J	General Telephone Company of California

2819 N ROSE AVE

Year	Uses	Source
2014	JESUS RIVERA	Cole Information Services
2009	JESUS RIVERA	Cole Information Services

FINDINGS

Year	Uses	Source
2004	JESUS RIVERA	Cole Information Services
2002	FRVERAJaeus A	Haines & Company, Inc.
1999	JESUS RIVERA	Cole Information Services
1994	RIVERA, JESUS A	Cole Information Services
1993	Rivera Jesus A	GTE
	Rivera Jesus A	GTE

2825 N ROSE AVE

Year	Uses	Source
2014	GREGORY COVEY	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1980	Sandoval K	Polk
1975	Smith Geo	General Telephone Company of California

2833 N ROSE AVE

Year	Uses	Source
2017	FRANCISCO GODINEZ	Cole Information Services
2014	FRANCISCO GODINEZ	Cole Information Services
2009	FRANCISCO GODINEZ	Cole Information Services
2004	FRANCISCO GODINEZ	Cole Information Services
1999	FRANCISCO GODINEZ	Cole Information Services
1994	GODINEZ, F	Cole Information Services
1993	Godinez F	GTE
	Godinez F	GTE
1986	Godinez F	Pacific Bell
1985	Godinez F	Pacific Telephone Co
1980	Godinez F	Polk
1975	Godinez F	Pacific Telephone Co
	Godinez F	General Telephone Company of California

2835 N ROSE AVE

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	RUDY MUNOZ	Cole Information Services
1999	RUDY MUNOZ	Cole Information Services

2855 N ROSE AVE

Year	Uses	Source
2017	HUGH FITZGERALD	Cole Information Services
2014	HUGH FITZGERALD	Cole Information Services

FINDINGS

Year	Uses	Source
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	NICK GUZMAN	Cole Information Services
2002	SOLES Moly	Haines & Company, Inc.
	FITZGERALD Hugh	Haines & Company, Inc.
1975	Rodriguez Manuel	Pacific Telephone Co
	Rodriguez Manuel	General Telephone Company of California

3100 N ROSE AVE

Year	Uses	Source
2014	COUNTY OF VENTURA	Cole Information Services
	RIO SCHOOL DISTRICT	Cole Information Services
	COUNTY OF VENTURA	Cole Information Services
	RIO SCHOOL DISTRICT	Cole Information Services
2009	VENTURA COUNTY MEDICAL CENTER	Cole Information Services
	RIO DEL VALLE ELEMENTARY SCHOOL	Cole Information Services
	EL RIO LITTLE LEAGUE	Cole Information Services
	JOHN K FLYNN COMMUNITY CLINIC	Cole Information Services
	VENTURA COUNTY MEDICAL CENTER	Cole Information Services
	RIO DEL VALLE ELEMENTARY SCHOOL	Cole Information Services
	EL RIO LITTLE LEAGUE	Cole Information Services
	JOHN K FLYNN COMMUNITY CLINIC	Cole Information Services
1999	RIO SCHOOL DISTRICT	Cole Information Services
	RIO SCHOOL DISTRICT	Cole Information Services
1994	EL RIO LITTLE LGE	Cole Information Services
	BOYS CLUB OF OXNARD	Cole Information Services
	RIO DEL VALLE JR HIGH SCHOOL	Cole Information Services
	EL RIO LITTLE LGE	Cole Information Services
	BOYS CLUB OF OXNARD	Cole Information Services
	RIO DEL VALLE JR HIGH SCHOOL	Cole Information Services

North Rose Avenue

3100 North Rose Avenue

Year	Uses	Source
2002	RIOSCHOOLDIST RI	Haines & Company, Inc.
	DLVLLESC	Haines & Company, Inc.
1993	Boys Club Of Oxnard	GTE
	Rio dei Valle School	GTE
	Rio dei Valle School	GTE

Year	Uses	Source
1986	Rio del Valle School	Pacific Bell
1985	Rio del Valle School	Pacific Telephone Co
1975	Brusco Construction	General Telephone Company of California
	Rio del Valle Elementary School	General Telephone Company of California
	Brusco Construction	Pacific Telephone Co

ORANGE DR

1262 ORANGE DR

Year	Uses	Source
2017	JOSE DELGADO	Cole Information Services
	JOSE DELGADO	Cole Information Services
2014	JOSE DELGADO	Cole Information Services
	JOSE DELGADO	Cole Information Services
2004	MARIA LOPEZ	Cole Information Services
	MARIA LOPEZ	Cole Information Services
2002	DELGAOOLaura	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	FLORES, RAMONA	Cole Information Services
	CASTILLO, ISRAEL	Cole Information Services
	FLORES, RAMONA	Cole Information Services
	CASTILLO, ISRAEL	Cole Information Services
1993	Delgado Julia	GTE
	Delgado Juana	GTE
	Castillo Israel	GTE
	Delgado Juana	GTE
	Castillo Israel	GTE
1986	Baetke Jas E	Pacific Bell
1985	Baetke Jas E	Pacific Telephone Co
1976	Baetke James E	R. L. Polk & Co.
1975	Bafford David Ii S Monte Ct @Oak View	General Telephone Company of California
	Baetke Jas E	General Telephone Company of California
	Baetke Jas E	Pacific Telephone Co
1965	BAETHE JAMES E	R. L. Polk & Co.
1964	Ridenour Robt H	Pacific Telephone Co
1961	Bennett John A AHU	R. L. Polk & Co.

FINDINGS

1263 ORANGE DR

Year	Uses	Source
2017	JOSE MENDOZA	Cole Information Services
	JOSE MENDOZA	Cole Information Services
2014	JOSE MENDOZA	Cole Information Services
	JOSE MENDOZA	Cole Information Services
2009	JOSE MENDOZA	Cole Information Services
	JOSE MENDOZA	Cole Information Services
2004	JOSE MENDOZA	Cole Information Services
	JOSE MENDOZA	Cole Information Services
1999	JOSE MENDOZA	Cole Information Services
	JOSE MENDOZA	Cole Information Services
1994	BAUTISTA, MIGUEL	Cole Information Services
	BAUTISTA, MIGUEL	Cole Information Services

1278 ORANGE DR

Year	Uses	Source
2017	URIEL CHAVEZ	Cole Information Services
	URIEL CHAVEZ	Cole Information Services
2014	URIEL CHAVEZ	Cole Information Services
	URIEL CHAVEZ	Cole Information Services
2009	CHARLENE BRADLEY	Cole Information Services
	CHARLENE BRADLEY	Cole Information Services
2004	CHARLENE BRADLEY	Cole Information Services
	CHARLENE BRADLEY	Cole Information Services
2002	BRAOLEYCSrane	Haines & Company, Inc.
1999	CHARLENE BRADLEY	Cole Information Services
	CHARLENE BRADLEY	Cole Information Services
1996	Bradley Charkene	Pacific Bell
1994	BRADLEY, WILLIAM E JR	Cole Information Services
	BRADLEY, WILLIAM E JR	Cole Information Services
1993	Bradley W E Jr	GTE
	Bradley W E Jr	GTE
1986	Bradley W E Jr	Pacific Bell
1985	Bradley W E Jr	Pacific Telephone Co
1980	Bradley W E Jr	Polk
1976	Bradley Wmn E Jr	R. L. Polk & Co.
1975	Bradley W E Jr	Pacific Telephone Co
	Bradley W E Jr	General Telephone Company of California
1970	Bradley W E Jr	General Telephone Company of California

FINDINGS

Year	Uses	Source
1965	BRADLEY WM E JR	R. L. Polk & Co.
1964	Bradley Irma	Pacific Telephone Co
	Bradley W E Jr	Pacific Telephone Co
1961	Bradley Wm D jr AHU	R. L. Polk & Co.

1285 ORANGE DR

Year	Uses	Source
2017	RAMIRO VICTORIA	Cole Information Services
	RAMIRO VICTORIA	Cole Information Services
2004	RAMIRO VICTORIA	Cole Information Services
	RAMIRO VICTORIA	Cole Information Services
2002	000 CTORIA Epdumo	Haines & Company, Inc.
1976	No Return	R. L. Polk & Co.
1965	WALLACE DONALD A	R. L. Polk & Co.
1964	Wallace Donald A	Pacific Telephone Co
1961	Wallace Donald A hu	R. L. Polk & Co.

1287 ORANGE DR

Year	Uses	Source
2014	RAMIRO VICTORIA	Cole Information Services
2009	RAMIRO VICTORIA	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	RAMIRO VICTORIA	Cole Information Services

1382 ORANGE DR

Year	Uses	Source
2002	XXXX	Haines & Company, Inc.

1392 ORANGE DR

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	MARGIE OCHOA	Cole Information Services
2004	MARTIN HIGHLAND	Cole Information Services
1986	Probstleld Clarence E	Pacific Bell
1985	Probstfield Clarence E	Pacific Telephone Co
1980	Probstfield Clarence E	Polk
1976	Probstfield Clarence E	R. L. Polk & Co.
1975	Probstfield Clarence E	General Telephone Company of California
	Probstfield Clarence E	Pacific Telephone Co
1970	Mansfield Steven A	General Telephone Company of California

FINDINGS

Year	Uses	Source
1965	GOODMAN THQSI D	R. L. Polk & Co.
1961	Johnson Aubrey	R. L. Polk & Co.

ORANGE DROXNRD

1262 ORANGE DROXNRD

Year	Uses	Source
1970	Baetke Jas E	General Telephone Company of California

ORANGE RD

1388 ORANGE RD

Year	Uses	Source
1970	Live Oak School	General Telephone Company of California

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1122 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1127 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1957, 1953, 1949, 1940, 1930, 1926
1127 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1127 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1127 E COLLINS ST	2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1128 COILNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1128 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1957, 1953, 1949, 1940, 1930, 1926
1128 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1128 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1128 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1142 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1142 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1142 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1142 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1142 E COLLINS ST	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1145 E COLLINS ST	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1145 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1146 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1146 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1146 E COLLINS ST	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1146 E COLLINS ST	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

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Address Researched	Address Not Identified in Research Source
1147 E COLLINS ST	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1147 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1168 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1168 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1168 E COLLINS ST	2017, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1177 COLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1177 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1957, 1953, 1949, 1940, 1930, 1926
1177 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1177 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1177 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1177 E COLLINS ST	2017, 2014, 2004, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1180 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1180 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1180 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1180 E COLLINS ST	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1190 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1210 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1227 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1957, 1953, 1949, 1940, 1930, 1926
1227 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1227 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1985, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1227 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1227 E COLLINS ST	2017, 2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1228 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1957, 1953, 1949, 1940, 1930, 1926
1228 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

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Address Researched	Address Not Identified in Research Source
1228 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1228 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1228 E COLLINS ST	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1230 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1230 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1230 E COLLINS ST	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1230 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1236 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1976, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1236 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1236 E COLLINS ST	2017, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1262 ORANGE DR	2009, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1262 ORANGE DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1980, 1971, 1970, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1262 ORANGE DROXNRD	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1263 ORANGE DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1277 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1277 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1277 Collins Street	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1277 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1277 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1277 E COLLINS ST	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1277 E COLLINS ST	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1278 COLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1278 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1278 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

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Address Researched	Address Not Identified in Research Source
1278 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1278 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1278 E COLLINS ST	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1278 ORANGE DR	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1278 ORANGE DR	2017, 2014, 2009, 2004, 2000, 1999, 1994, 1971, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1280 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1280 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1280 E COLLINS ST	2004, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1282 E COLLINS ST	2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1282 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1285 ORANGE DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1975, 1971, 1970, 1968, 1957, 1953, 1949, 1940, 1930, 1926
1285 ORANGE DR	2014, 2009, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1287 ORANGE DR	2017, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1350 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1350 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1350 Collins Street	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1350 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1976, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1350 COLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1350 E COLLINS ST	2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1350 E COLLINS ST	2002, 2000, 1999, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1350 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1352 Orange Drive	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1354 COLLINS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1354 COLLINS DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

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Address Researched	Address Not Identified in Research Source
1354 COLLNS	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1354 E COLLINS ST	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1354 E COLLINS ST	2014, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1382 ORANGE DR	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1388 ORANGE RD	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1392 ORANGE DR	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1971, 1968, 1964, 1957, 1953, 1949, 1940, 1930, 1926
1392 ORANGE DR	2017, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1501 AUTO CENTER DR	2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1501 Auto Center Drive	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1511 AUTO CENTER DR	2009, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1511 Auto Center Drive	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1521 AUTO CENTER DR	2009, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
1521 Auto Center Drive	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2470 N ROSE AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2750 N ROSE AVE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2815 N ROSE AVE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2815 N ROSE AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2819 N ROSE AVE	2017, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2819 N ROSE AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2825 N ROSE AVE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2825 N ROSE AVE	2017, 2009, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2833 N ROSE AVE	2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2833 N ROSE AVE	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2835 N ROSE AVE	2017, 2004, 2002, 2000, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

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Address Researched	Address Not Identified in Research Source
2855 N ROSE AVE	2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2855 N ROSE AVE	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
2953 North Rose Avenue	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3100 N ROSE AVE	2017, 2004, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3100 N ROSE AVE	2017, 2004, 2002, 2000, 1996, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3100 North Rose Avenue	2017, 2014, 2009, 2004, 2000, 1999, 1996, 1994, 1980, 1976, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926
3140 North Rose Avenue	2017, 2014, 2009, 2004, 2002, 2000, 1999, 1996, 1994, 1993, 1986, 1985, 1980, 1976, 1975, 1971, 1970, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
2600 North Rose Avenue	2002, 2000, 1999, 1996, 1976, 1971, 1968, 1965, 1964, 1961, 1957, 1953, 1949, 1940, 1930, 1926

Rio Del Valle Middle School Expansion Phase I ESA
2600 North Rose Avenue
Oxnard, CA 93036

Inquiry Number: 6441237.8
April 08, 2021

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction orforecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILDFAX® PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Tetra Tech, Inc. on Apr 08, 2021.

TARGET PROPERTY

2600 North Rose Avenue
Oxnard, CA 93036

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Oxnard

Year	*Source*	*TP*	*Adjoining*
2021	City of Oxnard, Community Development Department		X
2020	City of Oxnard, Community Development Department		X
2019	City of Oxnard, Community Development Department		
2018	City of Oxnard, Community Development Department		X
2017	City of Oxnard, Community Development Department		X
2016	City of Oxnard, Community Development Department		X
2015	City of Oxnard, Community Development Department		X
2014	City of Oxnard, Community Development Department		X
2013	City of Oxnard, Community Development Department		
2012	City of Oxnard, Community Development Department		X
2011	City of Oxnard, Community Development Department		
2010	City of Oxnard, Community Development Department		X
2009	City of Oxnard, Community Development Department		
2008	City of Oxnard, Community Development Department		
2007	City of Oxnard, Community Development Department		
2006	City of Oxnard, Community Development Department		
2005	City of Oxnard, Community Development Department		
2004	City of Oxnard, Community Development Department		
2003	City of Oxnard, Community Development Department		
2002	City of Oxnard, Community Development Department		
2001	City of Oxnard, Community Development Department		
2000	City of Oxnard, Community Development Department		X
1999	City of Oxnard, Community Development Department		
1998	City of Oxnard, Community Development Department		
1997	City of Oxnard, Community Development Department	X	
1996	City of Oxnard, Community Development Department		
1995	City of Oxnard, Community Development Department		
1994	City of Oxnard, Community Development Department		

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
1993	City of Oxnard, Community Development Department		
1992	City of Oxnard, Community Development Department		
1991	City of Oxnard, Community Development Department		
1990	City of Oxnard, Community Development Department		
1989	City of Oxnard, Community Development Department		
1988	City of Oxnard, Community Development Department		
1987	City of Oxnard, Community Development Department		
1986	City of Oxnard, Community Development Department		
1985	City of Oxnard, Community Development Department		
1984	City of Oxnard, Community Development Department		
1983	City of Oxnard, Community Development Department		
1982	City of Oxnard, Community Development Department		
1981	City of Oxnard, Community Development Department		
1980	City of Oxnard, Community Development Department		
1979	City of Oxnard, Community Development Department		
1978	City of Oxnard, Community Development Department		
1977	City of Oxnard, Community Development Department		
1976	City of Oxnard, Community Development Department		
1975	City of Oxnard, Community Development Department		
1974	City of Oxnard, Community Development Department		
1973	City of Oxnard, Community Development Department		
1972	City of Oxnard, Community Development Department		
1971	City of Oxnard, Community Development Department		
1970	City of Oxnard, Community Development Department		

Ventura County Unincorporated Area

Year	Source	TP	Adjoining
2021	County of Ventura, Building and Safety		X
2020	County of Ventura, Building and Safety		X
2019	County of Ventura, Building and Safety		X
2018	County of Ventura, Building and Safety		
2017	County of Ventura, Building and Safety		X
2016	County of Ventura, Building and Safety		X
2015	County of Ventura, Building and Safety		X
2014	County of Ventura, Building and Safety		X
	County of Ventura, Building and Safety	X	
2013	County of Ventura, Building and Safety		X
2012	County of Ventura, Building and Safety		X
2011	County of Ventura, Building and Safety		X
2010	County of Ventura, Building and Safety		X
2009	County of Ventura, Building and Safety		
2008	County of Ventura, Building and Safety		
2007	County of Ventura, Building and Safety		
2006	County of Ventura, Building and Safety		X

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

Year	Source	TP	Adjoining
2005	County of Ventura, Building and Safety		
2004	County of Ventura, Building and Safety		
2003	County of Ventura, Building and Safety		X
2002	County of Ventura, Building and Safety		
2001	County of Ventura, Building and Safety		X
2000	County of Ventura, Building and Safety		X
1999	County of Ventura, Building and Safety		X
1998	County of Ventura, Building and Safety		
1997	County of Ventura, Building and Safety		
1996	County of Ventura, Building and Safety		
1995	County of Ventura, Building and Safety		
1994	County of Ventura, Building and Safety		
1993	County of Ventura, Building and Safety		
1992	County of Ventura, Building and Safety		
1991	County of Ventura, Building and Safety		
1990	County of Ventura, Building and Safety		
1989	County of Ventura, Building and Safety		
1988	County of Ventura, Building and Safety		
1987	County of Ventura, Building and Safety		
1986	County of Ventura, Building and Safety		
1985	County of Ventura, Building and Safety		
1984	County of Ventura, Building and Safety		
1983	County of Ventura, Building and Safety		
1982	County of Ventura, Building and Safety		
1981	County of Ventura, Building and Safety		
1980	County of Ventura, Building and Safety		
1979	County of Ventura, Building and Safety		
1978	County of Ventura, Building and Safety		
1977	County of Ventura, Building and Safety		
1976	County of Ventura, Building and Safety		
1975	County of Ventura, Building and Safety		
1974	County of Ventura, Building and Safety		
1973	County of Ventura, Building and Safety		
1972	County of Ventura, Building and Safety		
1971	County of Ventura, Building and Safety		
1970	County of Ventura, Building and Safety		

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Ventura County Unincorporated Area
Years: 1970-2021
Source: County of Ventura, Building and Safety, OXNARD, CA
Phone: (805) 654-2771

Name: Oxnard
Years: 1970-2021
Source: City of Oxnard, Community Development Department, OXNARD, CA
Phone: (805) 385-7407

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

2600 North Rose Avenue
Oxnard, CA 93036

2600 N ROSE AVE

Date:	**10/23/2014**
Permit Type:	
Description:	**Relocation of existing gas meter due to Public Works widening of Rose Av**
Permit Description:	**Plumbing Commercial Alteration**
Work Class:	
Proposed Use:	
Permit Number:	P14-000265
Status:	Closed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**7/1/1997**
Permit Type:	**PW01**
Description:	
Permit Description:	**PW - ENCROACHMENT PERMIT**
Work Class:	PW - ENCROACHMENT APPLICATION
Proposed Use:	
Permit Number:	97-00002269
Status:	TO BE ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	BILL EDGE

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

E COLLINS ST

1127 E COLLINS ST

Date:	**11/30/2017**
Permit Type:	
Description:	**Installation of 4.060 kW roof mounted solar PV system on existing 200A service panel. 12/08/17: Revised 4.130KW**
Permit Description:	**Electrical Residential Alteration**
Work Class:	
Proposed Use:	
Permit Number:	E17-000680
Status:	Closed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	GROUND UP BUILDERS AND DESIGN INC

Date:	**6/3/2011**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P11-000113
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **11/9/2001**
Permit Type: **BUILDING**
Description:

Permit Description: **Building Permit**
Work Class:
Proposed Use: Residential Accessory
Permit Number: B01-000988
Status: FINAL
Valuation: $6,375.60
Contractor Company:
Contractor Name: THE RIGHT CHOICE

1142 E COLLINS ST

Date: **2/25/2011**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P11-000114
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

1147 E COLLINS ST

Date:	**6/3/2011**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P11-000115
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

1168 E COLLINS ST

Date:	**4/1/2011**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P11-000116
Status:	ISSUED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

1177 E COLLINS ST

Date:	**8/7/2019**
Permit Type:	
Description:	**Main panel upgrade to 200 amps**
Permit Description:	**Electrical Residential Alteration**
Work Class:	
Proposed Use:	
Permit Number:	E19-000496
Status:	Closed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**6/3/2011**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P11-000322
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

1180 E COLLINS ST

Date:	**5/9/2011**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P11-000117
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

1227 E COLLINS ST

Date:	**4/17/2013**
Permit Type:	
Description:	**ABANDON SEPTIC TANK AND CONNECT TO SEWER - EL RIO**
Permit Description:	**Plumbing Residential Alteration**
Work Class:	Plumbing Residential Alteration
Proposed Use:	
Permit Number:	P13-000098
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **4/18/2003**
Permit Type: **COMBO**
Description:

Permit Description: **Combination Bldg Permit**
Work Class:
Proposed Use: Residential Addition
Permit Number: C03-000610
Status: FINAL
Valuation: $6,652.80
Contractor Company:
Contractor Name: CRESTLINE BUILDERS INC

Date: **2/10/2003**
Permit Type: **COMBO**
Description:

Permit Description: **Combination Bldg Permit**
Work Class:
Proposed Use: Residential Addition
Permit Number: C03-000212
Status: FINAL
Valuation: $8,714.00
Contractor Company:
Contractor Name: CRESTLINE BUILDERS INC

1228 E COLLINS ST

Date: **5/20/2011**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P11-000313
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name: HOMBILT CONSTRUCTION SERVICES

ADJOINING PROPERTY FINDINGS

1230 E COLLINS ST

Date:	**4/6/2011**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P11-000118
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

1236 E COLLINS ST

Date:	**2/25/2011**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P11-000119
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

1277 E COLLINS ST

Date:	**10/26/2017**
Permit Type:	
Description:	**Interior Remodel of an existing 5,000 Sq. Ft. Church. Reference Violation Number: CV17-0327 VIOLATION 1: Non-permitted (wood framing) reconstruction of choir stage including installation of structural beams on stage base. Cutout of a 3' ft. x 3' ft. section of shear wall. Non-permitted electrical junction box underneath stage. This construction is located on the east end of the structure. VIOLATION 2: Non-permitted reconfiguration of floor plan. Non-permitted partition walls, drywall installation, insulation, new cut out door openings, new ABS vent piping, water copper piping, and waste drain plumbing, electrical junction boxes and romex wiring. VIOLATION 3: Non-permitted removal and installation of drywall, insulation and electrical canned lights on ceiling of structure**
Permit Description:	**Commercial - Combo**
Work Class:	
Proposed Use:	
Permit Number:	C17-001214
Status:	Closed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**8/18/2017**
Permit Type:	**Residential**
Description:	**Re-roof and replace (34) windows 408 sq ft and replace (5) doors 105 sq ft REROOF: 3000 sq ft of comp shingles, 1000 sq ft of built up, 1000 sq ft of sheathing on a church ROOF PITCH: 4/12 (No change) WEIGHT: 2.5 (No change) EXISTING ROOF TYPE: Comp shingles and built up**
Permit Description:	**Building Commercial**
Work Class:	
Proposed Use:	
Permit Number:	B17-000661
Status:	Closed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	NEW ERA CONTRACTORS LTD

ADJOINING PROPERTY FINDINGS

Date:	**9/4/2013**
Permit Type:	
Description:	**REPLACE 170 LN FT OF SEWER LINE FROM CHAPEL TO MAIN CONNECTION**
Permit Description:	**Plumbing Commercial Alteration**
Work Class:	Plumbing Commercial Alteration
Proposed Use:	
Permit Number:	P13-000232
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**3/19/2012**
Permit Type:	**B**
Description:	**REMOVE AND REROOF 2000 SF CHAPEL AND FUNCTION HALL**
Permit Description:	**BUILDING**
Work Class:	COM
Proposed Use:	
Permit Number:	B12-000174
Status:	
Valuation:	$3,400.00
Contractor Company:	
Contractor Name:	SHUR ROOFING

Date:	**7/1/2011**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P11-000120
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	ELY JR'S PUMPING & SEPTIC SYSTEM INSTALLATIONS

ADJOINING PROPERTY FINDINGS

Date: **2/15/2001**
Permit Type: **COMBO**
Description:

Permit Description: **Combination Bldg Permit**
Work Class:
Proposed Use: Non-Residential Addition
Permit Number: C01-000194
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name: MADISON APPLIANCE HEATING & AIR CONDITIONING

Date:
Permit Type: **MECHANIC**
Description:

Permit Description: **Mechanical Permit Fees**
Work Class:
Proposed Use:
Permit Number: M01-000020
Status: WITHDRAW
Valuation: $0.00
Contractor Company:
Contractor Name: MADISON APPLIANCE HEATING & AIR CONDITIONING

1278 E COLLINS ST

Date: **5/16/2011**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P11-000121
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

1282 E COLLINS ST

Date:	**7/29/2016**
Permit Type:	
Description:	**Demolition of unpermitted detached storage shed over 120 SF.---30 Day Demo Permit--Refer to Violation CV16-229**
Permit Description:	**Demolition**
Work Class:	
Proposed Use:	
Permit Number:	B16-000677
Status:	Closed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**7/29/2016**
Permit Type:	
Description:	**Demolition of 1). Unpermitted garage conversion, remove partition walls, shower, toilet and plumbing, 2), Legalize 1024 SF of 1/2" drywall in garage 3). Legalize 15 SF of new window in garage 4). Site verify removal of 6 unpermitted pillars.---30 Day Demo Permit--Refer to Violation CV16-229**
Permit Description:	**Demolition**
Work Class:	
Proposed Use:	
Permit Number:	B16-000676
Status:	Closed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **11/5/2014**
Permit Type:
Description:

Permit Description: **Public Records**
Work Class:
Proposed Use:
Permit Number: BPR14-0651
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **4/5/2011**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P11-000122
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

1350 E COLLINS ST

Date: **5/16/2011**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P11-000123
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/29/2010**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P10-000414
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name: JOEL'S PLUMBING

Date: **7/5/2000**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P00-000177
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name: REID, RON PLUMBING

ADJOINING PROPERTY FINDINGS

E STROUBE ST

1229 E STROUBE ST

Date: **5/27/2011**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P11-000179
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **2/17/2011**
Permit Type: **BUILDING**
Description:

Permit Description: **Building Permit**
Work Class:
Proposed Use: Demolition of a building
Permit Number: B11-000112
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

1231 E STROUBE ST

Date: **6/16/2011**
Permit Type: **BUILDING**
Description:

Permit Description: **Building Permit**
Work Class:
Proposed Use: Residential Accessory
Permit Number: B11-000477
Status: FINAL
Valuation: $14,135.20
Contractor Company:
Contractor Name:

Date: **4/5/2011**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P11-000180
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **5/8/2000**
Permit Type: **MECHANIC**
Description:

Permit Description: **Mechanical Permit Fees**
Work Class:
Proposed Use:
Permit Number: M00-000034
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name: A/DAY APPLIANCE INC

ADJOINING PROPERTY FINDINGS

Date: **10/5/1999**
Permit Type: **BUILDING**
Description:

Permit Description: **Building Permit**
Work Class:
Proposed Use: Residential Addition
Permit Number: B99-000309
Status: FINAL
Valuation: $2,373.00
Contractor Company:
Contractor Name:

1289 E STROUBE ST

Date: **1/7/2019**
Permit Type:
Description: **Replace FAU like for like, minor duct work**

Permit Description: **Mechanical Residential Alteration**
Work Class:
Proposed Use:
Permit Number: M19-000002
Status: Closed
Valuation: $0.00
Contractor Company:
Contractor Name: SEARS ROEBUCK AND CO

Date: **2/28/2011**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P11-000182
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **8/23/2001**
Permit Type: **BUILDING**
Description:

Permit Description: **Building Permit**
Work Class:
Proposed Use: Residential Addition
Permit Number: B01-000686
Status: FINAL
Valuation: $976.00
Contractor Company:
Contractor Name: ESQUIVEL'S ROOFING COMPANY

1295 E STROUBE ST

Date: **8/23/2001**
Permit Type: **BUILDING**
Description:

Permit Description: **Building Permit**
Work Class:
Proposed Use: Residential Addition
Permit Number: B01-000687
Status: FINAL
Valuation: $2,440.00
Contractor Company:
Contractor Name: ESQUIVEL'S ROOFING COMPANY

Date:
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P11-000183
Status: ESTIMATE
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

N ROSE AVE

2602 N ROSE AVE

Date:	**8/21/2012**
Permit Type:	**PW01**
Description:	**Installing fiber cable to ex. shared utility poles**
Permit Description:	**PW - ENCROACHMENT PERMIT**
Work Class:	
Proposed Use:	PW - ENCROACHMENT APPLICATION
Permit Number:	12-00004252
Status:	CLOSED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

2700 N ROSE AVE

Date:	**5/24/2018**
Permit Type:	**PW01**
Description:	**TRAFFIC CONTROL FOR LANE CLOSURE/REPLACE ST LIGHT**
Permit Description:	**PW - ENCROACHMENT PERMIT**
Work Class:	
Proposed Use:	PW - ENCROACHMENT APPLICATION
Permit Number:	18-00002452
Status:	FINAL INSPECTION COMPLETE
Valuation:	$0.00
Contractor Company:	
Contractor Name:	SOUTHERN CALIFORNIA EDISON CO

ADJOINING PROPERTY FINDINGS

Date: **3/20/2017**
Permit Type: **PWUT**
Description: **TRAFFIC CONTROL FOR LANE CLOSURE/R&R STREET LIGHT**

Permit Description: **PW UTILITY ENCROCHMENT PERMIT**
Work Class:
Proposed Use: ZZZZ PW UTILITY ENCROCHMENT PERMIT
Permit Number: 17-00001413
Status: PERMIT PRINTED
Valuation: $0.00
Contractor Company:
Contractor Name: UTILITIES - SO CA EDISON

Date: **1/7/2014**
Permit Type: **PW01**
Description:

Permit Description: **PW - ENCROACHMENT PERMIT**
Work Class:
Proposed Use: PW - ENCROACHMENT APPLICATION
Permit Number: 13-00005597
Status: CLOSED
Valuation: $0.00
Contractor Company:
Contractor Name: R & R PIPELINE INCORPORATED

2800 N ROSE AVE

Date: **11/24/2020**
Permit Type: **PW01**
Description: **TRAFFIC CONTROL ONLY EDISON TO ACCESS STRUCTURES**

Permit Description: **PW - ENCROACHMENT PERMIT**
Work Class:
Proposed Use: PW - ENCROACHMENT APPLICATION
Permit Number: 20-00003949
Status: PERMIT PRINTED
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTHERN CALIFORNIA EDISON CO

ADJOINING PROPERTY FINDINGS

Date: **5/29/2015**
Permit Type: **PWUT**
Description: **LANE CLOSURE TO REMOVE EDISON POLE**

Permit Description: **PW UTILITY ENCROCHMENT PERMIT**
Work Class:
Proposed Use: ZZZZ PW UTILITY ENCROCHMENT PERMIT
Permit Number: 15-00002591
Status: FINAL INSPECTION COMPLETE
Valuation: $0.00
Contractor Company:
Contractor Name: UTILITIES - SO CA EDISON

2801 N ROSE AVE

Date: **2/9/2021**
Permit Type: **PW01**
Description: **TRAFFIC CONTROL FOR POLE PLACEMENT / VAULT ACCESS**

Permit Description: **PW - ENCROACHMENT PERMIT**
Work Class:
Proposed Use: PW - ENCROACHMENT APPLICATION
Permit Number: 21-00000245
Status: PERMIT PRINTED
Valuation: $0.00
Contractor Company:
Contractor Name: SOUTHERN CALIFORNIA EDISON CO

Date: **2/10/2016**
Permit Type: **PW01**
Description:

Permit Description: **PW - ENCROACHMENT PERMIT**
Work Class:
Proposed Use: PW - ENCROACHMENT APPLICATION
Permit Number: 16-00000612
Status: PERMIT PRINTED
Valuation: $0.00
Contractor Company:
Contractor Name: HP COMMUNICATIONS, INC

ADJOINING PROPERTY FINDINGS

2802 N ROSE AVE

Date: **3/28/2000**
Permit Type: **PW02**
Description:

Permit Description: **PW - ENCROACHMENT PERMIT**
Work Class: LANDSCAPING
Proposed Use:
Permit Number: 99-00005172
Status: PERMIT PRINTED
Valuation: $0.00
Contractor Company:
Contractor Name: KARLESKINT-CRUM, INC

Date: **3/28/2000**
Permit Type: **PPC**
Description:

Permit Description: **PLUMBING PERMIT**
Work Class: LANDSCAPING
Proposed Use:
Permit Number: 99-00005172
Status: PERMIT PRINTED
Valuation: $0.00
Contractor Company:
Contractor Name: KARLESKINT-CRUM, INC

ADJOINING PROPERTY FINDINGS

2833 N ROSE AVE

Date:	**5/3/2011**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P11-000155
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

2855 N ROSE AVE

Date:	**5/3/2011**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P11-000156
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

2898 N ROSE AVE

Date:	**6/27/2017**
Permit Type:	**PW01**
Description:	**TRAFFIC CONTROL FOR LANE CLOSURE/ACCESS VAULT**
Permit Description:	**PW - ENCROACHMENT PERMIT**
Work Class:	
Proposed Use:	PW - ENCROACHMENT APPLICATION
Permit Number:	17-00003204
Status:	PERMIT PRINTED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HOT LINE CONSTRUCTION INC

Date:	**9/16/2014**
Permit Type:	**PW01**
Description:	
Permit Description:	**PW - ENCROACHMENT PERMIT**
Work Class:	
Proposed Use:	PW - ENCROACHMENT APPLICATION
Permit Number:	14-00002621
Status:	PERMIT PRINTED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	J & H ENGINEERING GEN CONT,INC

Date:	**9/3/2014**
Permit Type:	**PWUT**
Description:	**LANE CLOSURE TO ACCESS VAULT**
Permit Description:	**PW UTILITY ENCROCHMENT PERMIT**
Work Class:	
Proposed Use:	ZZZZ PW UTILITY ENCROCHMENT PERMIT
Permit Number:	14-00004544
Status:	PERMIT PRINTED
Valuation:	$0.00
Contractor Company:	
Contractor Name:	UTILITIES - SO CA EDISON

ADJOINING PROPERTY FINDINGS

2953 N ROSE AVE

Date:	**2/5/2015**
Permit Type:	
Description:	**Replace garage door**
Permit Description:	**Residential Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B15-000084
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**9/4/2013**
Permit Type:	
Description:	**REPLACE 7 LN FT OF SEWER LINE FOR PASTORAL HOUSE**
Permit Description:	**Plumbing Residential Alteration**
Work Class:	Plumbing Residential Alteration
Proposed Use:	
Permit Number:	P13-000233
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**1/3/2012**
Permit Type:	**B**
Description:	**REPLACE ROTTED BEDROOM FLOOR WITH SLAB ON GRADE**
Permit Description:	**BUILDING**
Work Class:	RES_ADD
Proposed Use:	
Permit Number:	B11-001050
Status:	
Valuation:	$3,402.60
Contractor Company:	
Contractor Name:	BIG AL'S CONSTRUCTION SERVICES

ADJOINING PROPERTY FINDINGS

Date:
Permit Type:
Description: **SEWER CONNECTION FEE RECEIPT ONLY**

Permit Description:
Work Class:
Proposed Use: RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number: 16-00002111
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

3100 N ROSE AVE

Date: **11/13/2017**
Permit Type: **PW01**
Description: **FIRE FLOW TEST /FLOW ONE HYDRANT H-2 (R-13 ATLAS)**

Permit Description: **PW - ENCROACHMENT PERMIT**
Work Class:
Proposed Use: PW - ENCROACHMENT APPLICATION
Permit Number: 17-00005813
Status: FINAL INSPECTION COMPLETE
Valuation: $0.00
Contractor Company:
Contractor Name: SERVICE-PRO FIRE PROTECTION

Date: **5/26/2010**
Permit Type: **PW01**
Description: **FIRE FLOW TEST FLOW ONE HYDRANT**

Permit Description: **PW - ENCROACHMENT PERMIT**
Work Class: PW - ENCROACHMENT APPLICATION
Proposed Use:
Permit Number: 08-00003494
Status: CLOSED
Valuation: $0.00
Contractor Company:
Contractor Name: DANIEL ENGINEERING

ADJOINING PROPERTY FINDINGS

ORANGE DR

1164 ORANGE DR

Date: **1/23/2015**
Permit Type:
Description:

Permit Description: **Public Records**
Work Class:
Proposed Use:
Permit Number: BPR15-0023
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/25/2010**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P10-000312
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:	**7/11/2006**
Permit Type:	**ELECTRIC**
Description:	
Permit Description:	**Electrical Permit Fees**
Work Class:	
Proposed Use:	
Permit Number:	E06-000303
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	JUDSON ELECTRIC

Date:	
Permit Type:	
Description:	**SEWER CONNECTION FEE PAYMENT COLLECTION**
Permit Description:	
Work Class:	
Proposed Use:	RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number:	11-00003927
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

1186 ORANGE DR

Date:	**6/5/2014**
Permit Type:	
Description:	**ADDITION 319 SQ FT (KITCHEN EXPANSION, NEW BATHROOM, AND NEW LAUNDRY ROOM) Added to the permit 8-14-14 reroof the existing section of the house 800 sf. with comp. shingles. 08/15/14--Add-Upgrade electrical service to 200 AMPS, and 76 Sf Window Replacement to existing dwelling 08/20/14--Add- 676 SF of Rafters and Sheathing**
Permit Description:	**Residential Addition - Combo**
Work Class:	Residential Addition - Combo
Proposed Use:	
Permit Number:	C14-000535
Status:	Closed
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**7/8/2010**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P10-000314
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date:
Permit Type:
Description: **SEWER CONNECTION FEE PAYMENT COLLECTION**

Permit Description:
Work Class:
Proposed Use: RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number: 11-00003929
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

1214 ORANGE DR

Date: **3/1/2012**
Permit Type: **C**
Description: **SFD- ROOM ADDITION OF 293 SQ. FT; NEW PORCH OF 248 SQ. FT; AND NEW PITCH ROOF.**

Permit Description: **COMBO**
Work Class: RES_ADD
Proposed Use:
Permit Number: C01-001368
Status:
Valuation: $35,347.12
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **7/8/2010**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P10-000317
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/11/2003**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use: Residential Addition
Permit Number: P03-000119
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/7/2000**
Permit Type: **COMBO**
Description:

Permit Description: **Combination Bldg Permit**
Work Class:
Proposed Use: New Single Family Residence
Permit Number: C00-000596
Status: FINAL
Valuation: $85,370.50
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:
Permit Type:
Description: **SEWER CONNECTION FEE PAYMENT COLLECTION**

Permit Description:
Work Class:
Proposed Use: RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number: 11-00003932
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

1233 ORANGE DR

Date: **11/30/2010**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P10-000318
Status: ISSUED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date:
Permit Type:
Description: **SEWER CONNECTION FEE PAYMENT COLLECTION**

Permit Description:
Work Class:
Proposed Use: RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number: 11-00003933
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

1234 ORANGE DR

Date:	**7/1/2010**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P10-000319
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	
Permit Type:	
Description:	**SEWER CONNECTION FEE PAYMENT COLLECTION**
Permit Description:	
Work Class:	
Proposed Use:	RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number:	11-00003934
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

1235 ORANGE DR

Date:	**6/17/2020**
Permit Type:	
Description:	**Retrofit 2 windows same size and location (master bedroom 37.7 sq ft) Main Dwelling**
Permit Description:	**Residential Alteration**
Work Class:	
Proposed Use:	
Permit Number:	B20-000400
Status:	Issued
Valuation:	$0.00
Contractor Company:	
Contractor Name:	HOME DEPOT U S A INC

Date:	**11/16/2010**
Permit Type:	**COMBO**
Description:	
Permit Description:	**Combination Bldg Permit**
Work Class:	
Proposed Use:	Residential Addition
Permit Number:	C10-000430
Status:	FINAL
Valuation:	$15,023.90
Contractor Company:	
Contractor Name:	PAT NOLAN

ADJOINING PROPERTY FINDINGS

Date: **5/31/2006**
Permit Type: **BUILDING**
Description:

Permit Description: **Building Permit**
Work Class:
Proposed Use: Demolition of a building
Permit Number: B06-000415
Status: EXPIRED
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **5/23/2006**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P06-000216
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name: BONNIE & CLYDES PLUMBING- DRAIN SERVICE DBA REX

Date: **1/3/2001**
Permit Type: **RECEIPT**
Description:

Permit Description: **Receipt processor**
Work Class:
Proposed Use: Clerical services
Permit Number: SVC0100005
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

1262 ORANGE DR

Date: **6/25/2010**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P10-000320
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **6/1/2010**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P10-000122
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

C.O. Issued Date: **2/21/2008**
Date: **8/27/2003**
Permit Type: **COMBO**
Description:

Permit Description: **Combination Bldg Permit**
Work Class:
Proposed Use: Residential Addition
Permit Number: C03-001417
Status: FINAL
Valuation: $2,399.40
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:
Permit Type:
Description: **SEWER CONNECTION FEE PAYMENT COLLECTION**

Permit Description:
Work Class:
Proposed Use: RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number: 11-00003935
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

1263 ORANGE DR

Date: **12/17/2020**
Permit Type:
Description: **Remove and Reroof 1,400 sq. ft. of comp shingles on dwelling and detached garage**

Permit Description: **Residential Alteration**
Work Class:
Proposed Use:
Permit Number: B20-000903
Status: Issued
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **11/20/2017**
Permit Type:
Description: **Replace existing FAU unit only and replace (4) lights**

Permit Description: **Residential Alteration - Combo**
Work Class:
Proposed Use:
Permit Number: C17-001295
Status: Issued
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **11/22/2013**
Permit Type:
Description: **Public Records Research-Test**

Permit Description: **Public Records**
Work Class: Public Records
Proposed Use:
Permit Number: BPR13-0006
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **11/22/2013**
Permit Type:
Description: **Public Records Request-TEST**

Permit Description: **Public Records**
Work Class: Public Records
Proposed Use:
Permit Number: BPR13-0008
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/17/2010**
Permit Type: **BUILDING**
Description:

Permit Description: **Building Permit**
Work Class:
Proposed Use: Residential Addition
Permit Number: B10-000838
Status: FINAL
Valuation: $307.20
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **6/25/2010**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P10-000321
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

Date:
Permit Type:
Description: **SEWER CONNECTION FEE PAYMENT COLLECTION**

Permit Description:
Work Class:
Proposed Use: RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number: 11-00003936
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

1278 ORANGE DR

Date:	**1/21/2021**
Permit Type:	
Description:	**reroof of garage: remove and replace sheathing and install new composition shingles ( )sq ft**
Permit Description:	**Residential Alteration**
Work Class:	
Proposed Use:	
Permit Number:	EST-B21-000047
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	**7/9/2013**
Permit Type:	
Description:	**STUCCO LATH OVER EXISTING WOOD - 1200 SF**
Permit Description:	**Residential Alteration**
Work Class:	Residential Alteration
Proposed Use:	
Permit Number:	B13-000458
Status:	Closed
Valuation:	$4,680.00
Contractor Company:	
Contractor Name:	

ADJOINING PROPERTY FINDINGS

Date: **2/28/2012**
Permit Type: **B**
Description: **60 SF OF WINDOW REPLACEMENT**

Permit Description: **BUILDING**
Work Class: RES_ADD
Proposed Use:
Permit Number: B12-000128
Status:
Valuation: $1,164.00
Contractor Company:
Contractor Name:

Date: **7/26/2010**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P10-000322
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **11/2/2001**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P01-000309
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date:
Permit Type:
Description: **SEWER CONNECTION FEE PAYMENT COLLECTION**

Permit Description:
Work Class:
Proposed Use: RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number: 11-00003937
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

1285 ORANGE DR

Date: **6/30/2010**
Permit Type: **PLUMBING**
Description:

Permit Description: **Plumbing Permit**
Work Class:
Proposed Use:
Permit Number: P10-000323
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name:

Date: **12/21/2001**
Permit Type: **ELECTRIC**
Description:

Permit Description: **Electrical Permit Fees**
Work Class:
Proposed Use:
Permit Number: E01-000472
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name: MARTINEZ, SALOMON

ADJOINING PROPERTY FINDINGS

Date:
Permit Type:
Description: **SEWER CONNECTION FEE PAYMENT COLLECTION**

Permit Description:
Work Class:
Proposed Use: RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number: 11-00003938
Status:
Valuation: $0.00
Contractor Company:
Contractor Name:

1287 ORANGE DR

Date: **12/21/2001**
Permit Type: **ELECTRIC**
Description:

Permit Description: **Electrical Permit Fees**
Work Class:
Proposed Use:
Permit Number: E01-000473
Status: FINAL
Valuation: $0.00
Contractor Company:
Contractor Name: MARTINEZ, SALOMON

ADJOINING PROPERTY FINDINGS

1392 ORANGE DR

Date:	**5/2/2011**
Permit Type:	**BUILDING**
Description:	
Permit Description:	**Building Permit**
Work Class:	
Proposed Use:	Residential Addition
Permit Number:	B11-000342
Status:	ISSUED
Valuation:	$1,500.00
Contractor Company:	
Contractor Name:	HILLTOP ROOFING

Date:	**7/26/2010**
Permit Type:	**PLUMBING**
Description:	
Permit Description:	**Plumbing Permit**
Work Class:	
Proposed Use:	
Permit Number:	P10-000324
Status:	FINAL
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

Date:	
Permit Type:	
Description:	**SEWER CONNECTION FEE PAYMENT COLLECTION**
Permit Description:	
Work Class:	
Proposed Use:	RECEIPT SYSTEM, SEWER CONN. COUNTY
Permit Number:	11-00003939
Status:	
Valuation:	$0.00
Contractor Company:	
Contractor Name:	

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

Rio Del Valle Middle School Expansion Phase I ESA
2600 North Rose Avenue
Oxnard, CA 93036

Inquiry Number: 6441237.7
April 09, 2021

EDR Environmental Lien and AUL Search

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

2600 North Rose Avenue
Rio Del Valle Middle School Expansion Phase I ESA
Oxnard, CA 93036

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

Ventura Recorder
Ventura, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	KMS Development
Title received from:	Thomas F McGrath IIITrustee Thomas Doud Michael J
Deed Dated	8/14/2008
Deed Recorded:	9/19/2008
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	KMS Development
Parcel # / Property Identifier:	144-0-110-590
Comments:	See Exhibit

Deed Exhibit 1

RECORDING REQUESTED BY
CHICAGO TITLE COMPANY

AND WHEN RECORDED MAIL TO

KMS Development, LLC
2640 Sturgis Road
Oxnard, Ca. 93032

20080919-00141912-0 1/7
Ventura County Clerk and Recorder
Philip J. Schmit
09/19/2008 08:00:00 AM
242223 $34.00 RE

Escrow No. 54012011 - J26
Order No. 48002165

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GRANT DEED

Assessor's Parcel No.
144-0-110-030 & -055

THE UNDERSIGNED GRANTOR(S) DECLARE(S)
DOCUMENTARY TRANSFER TAX IS $ tax not made of public record

- [X] unincorporated area
- [X] computed on the full value of the interest or property conveyed, or is
- [ ] computed on the full value less the value of liens or encumbrances remaining at time of sale, and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
Thomas F. McGrath III, Trustee of the Michael J. Doud Revocable Living Trust dated April 17, 2008; Thomas Doud, a married man, Michael J. Doud and Thomas G. Doud, Successor Trustees of the Family Bypass Trust, as created under The Doud Family Trust dated January 18, 1988;
hereby **GRANT(S)** to
KMS Development, LLC, a Nevada limited liability company,

the following described real property in the
County of Ventura, State of California:
That certain real property as described in Legal Description Exhibit attached hereto and made a part by this reference;

Dated August 14, 2008

SEE SIGNATURE EXHIBIT ATTACHED HERETO

STATE OF
COUNTY OF _____ } SS.
On _____ before me,

_____
personally appeared

_____

_____

_____
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s), acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

_____ _____ FOR NOTARY SEAL OR STAMP
Signature of Notary Date My Commission Expires

MAIL TAX STATEMENTS TO PARTY SHOWN ON FOLLOWING LINE: IF NO PARTY SO SHOWN, MAIL AS DIRECTED ABOVE

Name Street Address City, State & Zip

Escrow No. 54012011 -J26

SIGNATURE EXHIBIT

Thomas F. McGrath III, Trustee of the Michael J. Doud Revocable Living Trust dated April 17, 2008

Thomas Doud

Michael J. Doud,
Successor Trustee of the Family Bypass Trust, as created under The Doud Family Trust dated January 18, 1988

Thomas G. Doud,
Successor Trustee of the Family Bypass Trust, as created under The Doud Family Trust dated January 18, 1988;

LEGAL DESCRIPTION

EXHIBIT "A"

Parcel 1:

A portion of Lot 88 of Rancho Santa Clara del Norte Subdivision, in the County of Ventura, State of California, as per Map recorded in Book 3, Page 26 of Maps, in the office of the County Recorder of said County, described as follows:

Beginning at the Southeast corner of Lot 88 of said Rancho Santa Clara del Norte Subdivision, said point a 4 x 4 post scribed 67, 88, and 89, thence;

North 39° 36' 15" East 336.56 feet to the true point of beginning, said point 1.07 feet North 67° 03' 15" West of a 3/4th inch iron pipe; thence,

1st: North 67° 03' 15" West 1048.81 feet to a point, said point a 1 1/2 inch pipe tagged L.S. 2483; thence,

2nd: North 23° 46' 45" East 468.15 feet to a point, said point a 2 inch iron pipe; thence,

3rd: South 50° 26' 45" East 1132.38 feet to a point, said point a 2 inch iron pipe tagged RE 4825; thence,

4th: South 39° 36' 15" West 150.36 feet to the true point of beginning of said parcel.

EXCEPT therefrom an undivided one-half interest in and to the oil, mineral and petroleum substances lying in, on or under said land, for a period of 20 years from and after date hereof, as reserved in deed recorded August 14, 1955, in Book 1281, Page 486 of Official Records.

EXCEPT the interest as reserved in deed recorded August 7, 1989, as Document No. 89-123697 of Official Records, which recited as follows:

"Reserving and excepting therefrom an undivided one-half interest in and to the oil, mineral and petroleum substances lying in, on or under said land, for a period of 20 years from and after date hereof".

Parcel 2:

Part of Lots 88 and 89 as the same are designated and delineated upon that certain map entitled "Map of Rancho Santa Clara del Norte, Ventura County, California", in the County of Ventura, State of California, as per Map recorded in Book 3, Page 26 of Miscellaneous Records (Maps), in the office of the County Recorder of said County, described as follows:

Beginning at a point in the centerline of Ditch Road from which a point at the Southwest corner of lands conveyed by Leopolde Schiappa Pictia to Heinrich Maulhardt, by deed recorded in Book 63, page 158 of Official Records, bears North 23° 50' East 783.56 feet distant to the true point of beginning; thence from the true point of beginning as follows,

1st: South 67° 03' 00" East 2112.35; thence,

2nd: South 39° 55' 20" West 503.60 feet; thence,

3rd: North 67° 03' 00" West 1975.59 feet; thence,

4th: North 23° 50' 00" East 482.57 feet to the true point of beginning.

EXCEPT therefrom the interest in and West 40 feet of said land conveyed to Ventura County for public road and/or highway purposes, by deed recorded July 10, 1934, in Book 430, Page 43 of Official Records.

APN: 144-110-030 and 055

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of Ventura }

On Aug 19 2008 before me, J. Duff, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer

personally appeared Thomas F. McGrath III,
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____
Signature of Notary Public

J. DUFF
Commission # 1775895
Notary Public - California
Ventura County
My Comm. Expires Oct 25, 2011

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

Signer's Name: _____
☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of Ventura }

On Aug. 27, 2008 before me, J. Duff, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer

personally appeared Thomas G. Doud
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____
Signature of Notary Public

J. DUFF
Commission # 1775906
Notary Public - California
Ventura County
My Comm. Expires Oct 28, 2011

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Grant deed

Document Date: Aug. 14, 2008 Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

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☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of Ventura }

On Aug. 27, 2008 before me, J. Duff, NOTARY PUBLIC,
Date — Here Insert Name and Title of the Officer

personally appeared Thomas Doud
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____
Signature of Notary Public

J. DUFF
Commission # 1775895
Notary Public - California
Ventura County
My Comm. Expires Oct 25, 2011

Place Notary Seal Above

OPTIONAL

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Description of Attached Document

Title or Type of Document: Grant Deed

Document Date: Aug. 14, 2008 Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
☐ Individual
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
Top of thumb here

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☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Attorney in Fact
☐ Trustee
☐ Guardian or Conservator
☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT OF SIGNER
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CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of Ventura

On Aug. 24, 2008 before me, J. Duff, NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer

personally appeared Michael J. Doud,
Name(s) of Signer(s)

J. DUFF
Commission # 1775895
Notary Public - California
Ventura County
MyComm.ExpiresOct28,2011

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

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Description of Attached Document

Title or Type of Document: Gr. deed

Document Date: Aug. 14, 2008 Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

- ☐ Individual
- ☐ Corporate Officer — Title(s): _____
- ☐ Partner — ☐ Limited ☐ General
- ☐ Attorney in Fact
- ☐ Trustee
- ☐ Guardian or Conservator
- ☐ Other: _____

Signer Is Representing: _____

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F CHECKLIST FOR PHASE I SITE VISIT

PHASE I ENVIRONMENTAL SITE ASSESSMENT CHECKLIST

Project Name: Proposed Rio School District Bus Parking and Future Facilities Phase I Environmental Assessment

Address: 10-Acre Portion of Assessor's Parcel No. 144-0-110-590 at 2600 North Rose Avenue, Ventura County, California

General Site Description: Berry Farm/Residence/Storage-Parking Lot Yard

I. Pre-arrival Background Information

1. **Current Owner(s):** KMS Industries, Inc.
   Owner Since: _____
2. **Current Occupants:** Reiter Affiliated Companies (berry farm) and _____ (residence)
   Occupant Since: _____
3. **Year Buildings Constructed :** Between 1953 and 1959.
4. **Site Zoning:** Agricultural Exclusive, 40 acre minimum,/Mineral Resource Protection (AE -40 ac/MRP)
5. **Land Use(s):** Berry Farm/Residence/Storage Yard

II. Site Observations:

A. Lot/Property Observations:

1. **Current Groundcover (%):** **Estimated from aerial photograph review.**
   84% berries, 2% residential (house, yard, pool), 14% bare ground (parking/storage)

Any concrete staining, soil staining or stressed vegetation? Some soil staining visible in the junk yard - oil spots from cars, next to ASTs & water tanks - spillage likely

2. **Is there any evidence of pesticide/herbicide use, storage or disposal on the property?** yes
   If yes, describe: fertilizers, and organic based pesticide/herbicide use

Have any pesticides/herbicides been used on the property at any time?* organic based

3. **Are there any electrical transformers or capacitors on the property?** Yes
   If yes, location: just south of the eastern storage area & on the northern edge of the property
   Evidence of leaks? no
   Have they been tested for PCBs*? unsure
   Transformers owned by utility company, owner, or tenant?* Utility Company, Southern California Edison

* Indicates question that requires follow-up during site owner/occupant interview.

JRS

4a. Are there any visible aboveground or underground storage tanks on the property? yes - no underground

If yes, location: northwest corner of site, next to large shipping container

Currently in use? yes

Contents: red diesel + gas

Size (gallons): 300

Evidence of leaks? none

When was the tank installed?* ~~2015~~ 2016

Is there a permit for the tank? If so, who is the listed owner?* yes - MacValley Oil Co

Have any leak tests been performed?* ~~likely~~ yes

If not in use, has the tank been "abandoned"? Documentation?* n/a

4b. Is there any evidence that an AST or UST has been removed from the site?

If yes, describe: none

When was the tank removed?*

Documentation?*

5. Are there any visible storage drums on the property? If yes, how many? about 50

If yes, location: water fertilizer containers, northwest corner of site

Describe size and contents (if known):

Evidence of spills/leaks? a few spills adjacent to the containers

Are they stored in a bermed area (any secondary containment)?

6. Any evidence of solid waste disposal on the property? none

If yes, location:

Describe:

Evidence of any hazardous materials?

7. Are there any ponds, pits, sumps, or ditches on the property? yes

If yes, location: there is a pool in the residence backyard

Describe:

Evidence of any hazardous materials? no

8. Describe the general air quality at the site: good

Are there activities on the site which produce air emissions (painting, printing, venting, exhaust): No JRS

If yes, describe:

Are the emissions monitored or permitted?*

Documentation?*

9. Are there any curb cuts, footings, or other signs of former buildings on the property? No

If yes, location:

When was the former building built/demolished?*

* Indicates question that requires follow-up during site owner/occupant interview.

B. Buildings

1. Are buildings present on site? Yes, a single story residence with attached garage.

If yes, when was it built Between 1953 and 1959

Approx. building square footage from aerial photos

2,820 ft^2

Please provide any available plans for the buildings and site. None available. JRS

2. Are there any cracks or openings (drains or sumps) on the first floor? no cracks or sumps

If yes, location: only shower & sink drains

Are they connected to storm drains, sewer lines or discharged into the ground?

shower, no storm drains, Site on Septic System JRS

Is there any evidence of spills or stains on the ground? none

Is there a possibility of hazardous waste spills or leaks?* no, only household cleaners inside

3. Are there painted surfaces on the exterior or interior of the building? Yes

Evidence of lead based paint? Based on the age of construction, yes.

If yes, location: On structure walls, cielings JRS

When were the walls painted?* Several times, At construction and after JRS

Have they been tested for lead?* No JRS

4. Are there any electrical transformers or capacitors inside the building? no

If yes, location:

Evidence of leaks?

Have they been tested for PCBs?*

Transformers owned by utility company, owner, or tenant?*

5. Is there any evidence of the presence of asbestos? Based on the age of construction, yes

If yes, location: floor tiles (9x9), May be in ducts, roofing materials JRS

Friable?

If no evidence of asbestos, but the building was built before 1979, has an asbestos survey been completed?*

6. Are there any chemicals or drums stored or used in the building?

If yes, location: paint in the garage, fertilizer

Evidence of leaks/spills? No

If drums, secondary containment? NA JRS

Have there been any documented leaks or spills of hazardous materials*? unknown

If yes, describe and list documentation: NA JRS

* Indicates question that requires follow-up during site owner/occupant interview.

III. Surrounding Properties

1. Describe generally the current use(s) of the adjacent properties (%):

Residential: ~20%	**Agricultural:** ~20%	**Industrial:**
Office:	**Commercial:** 60% (school + car dealership)	**Manufacturing:**
Other (specify)		

Describe any adjacent propertied used for industrial, manufacturing, or refining purposes:

adjacent areas include: - car dealerships & school for commercial, Residences on west side of North Rose Avenue. JRS

Do they pose a possible threat to groundwater or air quality at the site? no

If yes, explain:

Checklist completed by: Paige Sawaya

Date: 4/20/21

Checked by: James R Steele James R. Steele

Date: 4/21/21

Notes:

* Indicates question that requires follow-up during site owner/occupant interview.

G PROPERTY OWNNER/OCCUPANT QUESTIONNAIRE

PHASE I ENVIRONMENTAL SITE ASSESSMENT
OWNER/OCCUPANT QUESTIONNAIRE

Name of Site: : Proposed Rio School District Bus Parking and Future Facilities Phase I Environmental Assessment	**Tetra Tech Project Number:** 112G-SBA-T41363
Description of Project: Phase I Environmental Site Assessment	**Location of Project:** 10-Acre Portion of Assessor's Parcel No. 144-0-110-590 at 600 North Rose Avenue, Ventura County, California

This information is intended to assist the Environmental Professional conducting the Phase I Environmental Site Assessment in obtaining information indicating Recognized Environmental Conditions in connection with the property.

STRUCTURES AND OTHER IMPROVEMENTS
1. Are any structures present on the property? If so, please identify the type, size and age. *(for example: "one single-story wood-frame residence built in 1974" or "one 75,00 sq. ft. concrete warehouse built in 1993")*
Single story home. Built year and sq. footage unknown as we just rent from landowner.
2. Are any roads present on the property? Paved or unpaved?
Paved road to enter from Rose Ave.
3. Is there a heating or cooling system in place? What type of fuel is used? *(for example: "in-building HVAC system" or "central heat and AC" or "a propane tank is used for heating system")*
Heating system
4. What is the source for potable water? Public water system or Private domestic well? Domestic well
5. What type of sewage disposal system is in use? Public sewer or on-site septic tank system? Septic tank, location unknown

6. Indicate the solid waste (trash) disposal provider, if any.
City of Oxnard/Harrison
7. Indicate the electrical utility provider, if any.
Edison
8. Indicate the natural gas provider, if any.
Home does not have gas, all electrical.
9. Are any wells present at the property? *(such as water wells, groundwater monitoring wells, oil wells, dry wells, abandoned or destroyed wells)*
Yes, 2 well. domestic and for farming
10. Are there any drains or ditches on the property for stormwater or wastewater disposal?
Yes, far west perimeter side of the property.
PETROLEUM PRODUCTS AND HAZARDOUS MATERIALS
11. Has the property or any adjoining property ever been used for any of the following? *gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo-developing lab, junkyard or landfill, or as a waste treatment, storage, processing or recycling facility* Please identify the use, if any.
No
12. Are petroleum products, hazardous materials or other chemicals used or stored on-site? Identify. *(Typically, only large amounts of such items are of concern. Normal household chemicals are not generally kept in amounts that would pose a hazard. Items of concern would include damaged automotive batteries, pesticides, paints, fuels, lubricants, solvents, photoprocessing wastes and other chemicals)*
Gas/Diesel Tank for farming operations. 500 gl.

13. Are there or have there ever been any aboveground or underground storage tanks on the property?
(Please identify number, size, contents and location on the property, and provide recent inspections/test records)

Fertilizer tanks above ground 250gl. But rotate as use is needed and are not fixed containers

OTHER ITEMS OF CONCERN

14. Are there any stained walls, flooring or soil on the property? Any evidence of water damage or mold growth?

No

15. Has fill dirt been brought onto the property that originated from an off-site source? If so, is the origin of the dirt known? Was the fill dirt tested for possible contamination?

Not to knowledge

16. Have any petroleum products, hazardous substances, tires, batteries or other waste materials been dumped, buried or burned on the property?

No

17. Are there any transformers, capacitors or hydraulic equipment on the site for which records exist indicating the presence of polychlorinated biphenyls (PCBs)?
(PCB use was generally phased out in the mid 1970s)

No

18. Are you aware of any other conditions at the site which might pose a concern, such as the presence of lead-based paint or asbestos-containing building materials?

No

19. Are you aware of any pending, threatened or past litigation or administrative proceedings regarding hazardous substances or petroleum products related to the property?

No

In addition to the responses above, please provide copies of any of the following Helpful Documents, if available:

••Environmental Site Assessment Reports (**including** previous Phase I ESA reports, subsurface investigation reports, Asbestos and Lead-based Paint Survey reports)
•Environmental Compliance Audit Reports
•Environmental Permits (for example, solid waste disposal permits, hazardous waste disposal permits, etc.)
•Registrations for underground or aboveground storage tanks
•Material Safety Data Sheets
•Community Right-to-Know
•Safety Plans, Spill Prevention Plans, etc.
•Reports regarding hydrogeologic conditions on the property or surrounding area
•Notices or correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
•Hazardous waste generator notices or reports
•Risk Assessments
•Recorded Activity and Use Limitations

The owner/occupant questionnaire was completed by:

Name	Luis Calderon	**Address**	730 S. A St. Oxnard, CA 93030
Relationship to property	Current Tenant		
Date Reviewed	6/9/2021	**Phone Number**	***805-612-2472***

PLEASE RETURN COMPLETED QUESTIONNAIRE TO:

Paige Sawaya | Environmental Scientist
Business **+1 (805) 681-1350** | Cell **+1 (310) 987-0860** | paige.sawaya@tetratech.com

Tetra Tech | Complex World, Clear Solutions™
5383 Hollister Ave. #130 | Santa Barbara, CA 93111 | tetratech.com

H USER QUESTIONNAIRE

URGENT and CONFIDENTIAL

USER QUESTIONNAIRE for PHASE I ESA

AS REQUIRED by ASTM Standard E1527-05

Site Name:. Rio Del Valle Middle School Expansion Project South Parcel
Address: 2600 North Rose Avenue, Oxnard, California 93036

Completed By: Mr. Wael Saleh, Assistant Superintendent Business Services, Rio School District

The person who will use the Phase One should provide the following information. Please fill in this form to the best of your ability, explaining any Yes answers on a separate sheet of paper. Without these answers, our report would have to note that the Phase One is incomplete, and your Landowner Liability Protections could be at risk.

1. **Environmental Cleanup Liens.** ASTM requires the User to check for environmental liens that may be filed or recorded against the subject property under federal, tribal, state or local law. Such liens might be listed in the "exceptions to coverage" in the property's title insurance commitment or policy. Failure to check for these liens could put your Landowner Liability Protections at risk.

   Have you checked for these environmental cleanup liens? ☐ Yes ☒ No
   Are you aware of any such liens against the subject property? ☐ Yes ☒ No

2. **Activity and Use Limitations (AULs).** These include engineering controls (e.g., slurry walls, caps) and land use restrictions or institutional controls (e.g., deed restrictions, covenants) that may be in place at the site or filed under federal, tribal, state or local law. The title commitment or policy might also list AULs.

   Are you aware of any possible AULs involving the subject site? ☐ Yes ☒ No

3. **Specialized Knowledge.** This involves personal knowledge or experience related to the subject property or nearby properties. For example, if you are involved in the same line of business as the current or former occupants of the property or an adjoining property, you would probably know of any chemicals, oil, degreasers, gasoline, or other hazardous substances commonly used in that type of business.

   Do you have any specialized knowledge that might indicate the past or present use or release of such substances on the subject or nearby properties? ☐ Yes ☒ No

4. **Fair Market Value (FMV).** A purchase price significantly below FMV may indicate an environmental problem. Please note that this question does not require an appraisal of the property. If the price is significantly below FMV, the User should consider whether it might be because contamination may be present at the property.

   Is the purchase price significantly below fair market value? ☐ Yes ☒ No

5. **Obvious Indicators.** This involves past or present spills, stains, releases, cleanups, etc. on or near the site.

   Do you know of any obvious indicators of possible contamination on or near the site? ☐ Yes ☒ No

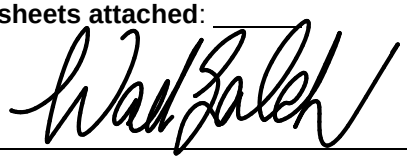
6. **Common Knowledge.** Please use a separate sheet if necessary.

   Describe the past uses of the property: **Agricultural land use.**

   Describe any specific chemicals that may have been present at the property: **I have no knowledge of chemicals that may have been present at the property.**

   Describe any other information that may help us identify possible contamination: **I have no knowledge of possible contamination at the property.**

# of separate sheets attached: _____

Your Signature  **Date** 11/30/2021

Explain Yes answers on a separate sheet.

F PHASE II ENVIRONMENTAL SITE ASSESSMENTS

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Job No. T40792

Phase II Environmental Site Assessment, Ten Acre Portion of APN 144-0-110-225 on North Rose Avenue Oxnard, California 93036

Prepared for:

Rio School District
1800 Solar Drive
Oxnard, California 93030

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November 4, 2020

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1.0 INTRODUCTION

1.1 BACKGROUND

This report presents the findings of a Phase II Environmental Site Assessment (ESA) prepared by Tetra Tech for the Rio School District (RSD) to evaluate Ten-Acre Portion of Assessor's Parcel No. (APN) 144-0-110-225 in the Oxnard planning area of Ventura County, California (hereinafter referred to as the Site). Sage Realty (Sage) is coordinating this project for RSD. The Site location is shown on Figure 1.

The current owner of the Site is KMS Industries, Inc. The Site is leased by Reiter Affiliated Companies for berry production and is currently used for the production of berries. Information provided by the RSD and Ventura County Assessor's office indicates that the Site is a 10-acre portion of APN 144-0-110-225, a 92.53-acre lot. The Site is bounded by North Rose Avenue on the northwest, land developed in berry cultivation on APN 144-0-110-225 on the northeast and southeast, and the RSD's Rio del Valle Middle School on the southwest (Figure 2).

The Phase II ESA was performed as part of the due diligence efforts required to support development of the Site by the RSD. It is our understanding that the RSD proposes to initially develop the Site for maintenance, operations, and transportation (MOT) facilities. School site expansion may be performed in approximately 10 years.

Tetra Tech completed a Phase I ESA for the Site (Tetra Tech 2020). The Phase I ESA identified four recognized environmental concerns (RECs) for the Site. REC 1 is for potential former agricultural pesticide application (specifically organochlorine pesticides (OCPs) and arsenic pesticides). REC 2 is for potential bunker oil releases from potential former smudge pot frost abatement practices. REC 3 is for polychlorinated biphenyl (PCB)-containing transformers (three pole-mounted electrical transformers are located along the southwest Site boundary). REC 4 is for hazardous pipelines within 1,500 feet of the Site (two high volume water transmission pipelines are buried beneath North Rose Avenue). Tetra Tech recommended that a Phase II ESA be performed to evaluate RECs 1, 2, and 3 as part of the pre-acquisition due diligence process. Because the Site may become part of a K-12 school in the future, the Phase II ESA field work sampling program should be planned and performed in accordance with California Department of Toxic Substances Control (DTSC) guidelines. A hazardous pipeline assessment should be conducted in accordance with the California Department of Education (CDE) guidelines in *Guidance Protocol for School Site Pipeline Risk Analysis* (CDE 2007) to evaluate REC 4. The hazardous pipeline assessment is not required under ASTM Standard Practice E1527-13 (ASTM 2013) but will be required by CDE if the Site is developed as a K-12 school. Tetra Tech recommended that the RSD wait until the Site is developed as a K-12 school to complete the hazardous pipeline assessment to address REC 4.

This Phase II ESA was completed to further assess RECs 1, 2, and 3 that were identified in the Phase I ESA (Tetra Tech 2020).

1.2 DESIGNATED CONTACT PERSONS

The primary designated contact persons for Tetra Tech are Messrs. James (Jim) Steele and Randy Westhaus. Jim Steele is the Project Manager and Randy Westhaus is Tetra Tech's California Schools Director. Their contact information is:

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2.0 SITE DESCRIPTION

2.1 SITE LOCATION/DESCRIPTION

The Site is located on a 10-acre parallelogram-shaped portion of APN 144-0-110-225, a 92.53-acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). The geographic coordinates of the Site are approximately Latitude 34° 14' 2.39" North, Longitude 119° 9' 10.61" West (Google Earth 2019). Surface elevations at the Site are approximately 90 feet above mean sea level (amsl) (United States Geological Survey [USGS] 2018).

At the time of the October 9, 2020 field sampling event, the Site comprised an approximate 10-acre area of the 92.53-acre parcel owned by KMS Industries, Inc. and was leased by Reiter Affiliated Companies for raspberry production. The entire Site was planted in organic raspberries under shade structures.

2.2 SITE VICINITY CHARACTERISTICS

The Site is located in an area developed primarily for residential and agricultural land use situated in the El Rio/Del Norte General Plan Area of Ventura County (Ventura County 2011). (Figures 1 and 2). The Ventura County zoning for Site and adjacent areas is shown on Figure 2 (Ventura County 2019; Ventura County Resource Management Agency Planning Division 2020). The Site and areas adjacent to the Site on the northeast and southeast are developed for agricultural production and the area on North Rose Avenue northwest of the Site are zoned AE-40 ac/MRP (Agricultural Exclusive minimum 40-acre lot/Mineral Resources Protection). The lot adjacent to the southwest of the Site occupied by the RSD's Rio del Valle Middle School is zoned RE-20,000 square ft (Rural Exclusive 20,000-square foot minimum lot). The area adjacent to the south corner of the Site on North Rose Avenue is zoned RE-20 ac (Rural Exclusive 20-acre minimum lot). The areas across North Rose Avenue from the Site are largely developed in residential housing are zoned RE-10,000 square ft (Rural Exclusive 10,000-square foot minimum lot) and RE-20,000 square ft (Rural Exclusive 20,000-square foot minimum lot).

2.3 ADJACENT RESIDENTIAL AND COMMERCIAL AREAS

North Rose Avenue is located immediately adjacent to the northwestern Site boundary. The area across North Rose Avenue from the Site is largely developed in residential land use except for the water production well and water storage tank facility owned and operated by the Vineyard Avenue Estates Water Mutual Company at the corner of North Rose Avenue and Corsicana Drive (Kadah 2020). The groundwater production well (OH Well # 14), owned and operated by the United Water Conservation District (UWCD), is located immediately adjacent to the southwest corner of the Site (Kadah 2020). Rio del Valle Middle School is located adjacent to southwest Site boundary. The areas northeast and southeast of the Site are being used for raspberry production by Reiter Affiliated Companies (Figure 2). The UWCD El Rio Spreading Grounds are located approximately 0.25 to 1.0 mile north of the Site on the northwest side of North Rose Avenue. Water is diverted from the Santa Clara River to the El Rio Spreading Grounds to recharge the underlying aquifers (refer to Section 3.3.1).

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3.0 PHYSICAL SETTING AND CONDITIONS

The Site is depicted on the Oxnard, California Quadrangle USGS 7.5-minute topographic series map (USGS 2018) (Figure 1). The geographic coordinates of the Site are approximately Latitude 34° 14' 2.39" north, Longitude 119° 9' 10.61" west. The EDR report indicates that the Site elevation is approximately 97 feet amsl (EDR 2020).

3.1 REGIONAL GEOLOGY

The Site is located in Ventura County on the Oxnard Plain of the central Ventura Basin within the Western Transverse Ranges geomorphic province of California. This geomorphic province is distinguished by the prevailing east-west linear trend of its geologic structure and geomorphology in contrast to the predominant northwest-southeast trend of the geomorphic features within most other provinces of the state. The province is bounded by major faults, including the San Andreas Fault zone in the northeast, the Big Pine fault in the north and the Malibu Coast fault in the south. Most of the faults in Ventura County are reverse faults which dip north, including the Pine Mountain, Red Mountain, San Cayetano, Santa Susana, Simi, Ventura and Malibu Coast faults (Norris and Webb 1990).

The Ventura Basin is large synclinal structure situated between the Santa Ynez Range and Topa Mountains on the north, the Channel Islands and Santa Monica Mountains on the south, the San Gabriel Fault on the east, and extending to the western end of the Santa Barbara Channel (Norris and Webb 1990). Structure in the Oxnard Plain is characterized by a series of broadly folded west-trending and east-northeast–trending anticlines and synclines associated with thrust and reverse faults that formed in the Saugus Formation and may have also deformed the overlying older alluvium (California Department of Conservation, California Geologic Survey [CGS] 2002).

3.2 LOCAL GEOLOGY

Locally, the Site is situated in the Oxnard Plain sub-province. Lithologic units of sedimentary origin underlying the nearly flat Oxnard Plain are approximately 45,000 feet in thickness and consist of Upper Cretaceous, Tertiary, and Quaternary-age units which have been deposited on a pre-Upper Cretaceous base of igneous and/or metamorphic rock. Unconsolidated Holocene (last 11,000 years) sediments beneath the Site were deposited during the post-glacial period in marine, lagoonal, lacustrine, fluvial-flood plain, deltaic and eolian environments, including the pre-historic delta of the ancient Santa Clara River and Calleguas Creek and reach a depth of approximately 900 feet beneath the Oxnard Plain (Turner and Mukae 1975).

3.3 HYDROLOGY

3.3.1 Hydrogeology

The Site is situated at the eastern edge of the Oxnard Forebay basin, a subbasin of the larger Santa Clara-Calleguas groundwater basin. The Oxnard Forebay is an important groundwater recharge area for valuable resources of groundwater in aquifers underlying the Oxnard Plain. The unconsolidated sediments beneath the Oxnard Forebay and the project site are composed of both continental and marine deposits of Tertiary and Quaternary age. They contain multiple aquifers of coarse grain sediments with intervening fine grain aquitards. Aquifers have been grouped into an Upper Aquifer System (UAS) and a Lower Aquifer System (LAS) based on changes in geologic structure and separated in many areas by regional layers of low permeability clay. The UAS sediments are relatively flat lying and extend to approximately 400 feet beneath the Site. The sediments in the LAS are more structurally complex, resulting from folding and faulting. In the Oxnard Forebay, alluvial sediments in the subsurface are predominantly coarse grain sands

and gravels. Fine grain sediments, such as silts and clays, that can act as confining layers are generally absent or discontinuous. This condition allows for direct recharge of the UAS from the surface and some recharge of the LAS from the UAS in the subsurface (Fox Canyon Ground Water Management Agency 2017; Turner and Mukae 1975).

The first encountered groundwater beneath the Site is in the UAS. Review of potentiometric maps for the UAS from 1972 through 2016 indicate that the depth to groundwater ranged from approximately 33 feet below ground surface (bgs) to 133 feet bgs during that time period (Fox Canyon Groundwater Management Agency 2015). The most recent groundwater elevation data for fall 2016 indicates that the first encountered groundwater in the Site area was at approximately -36 feet below mean sea level (msl) or approximately 133 feet bgs (Fox Canyon Groundwater Management Agency 2019). The depth to the highest known historical groundwater level in the Site area is approximately 20 feet bgs (CGS 2002).

3.3.2 Flood Zoning

According to the U.S. Department of Homeland Security Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map No. 06111C0910E, the Site is not located in a flood hazard area (FEMA 2020).

3.3.3 Wetlands

The EDR report indicates that the Site area is covered in the National Wetlands Inventory prepared by the U.S. Fish and Wildlife Service (USFWS) (EDR 2020). The U.S. Fish and Wildlife Service maintains the National Wetlands Inventory (NWI), a geographic information system (GIS)-based relational database of wetlands that have been mapped throughout the country. Based on the information provided in the EDR Report and review of the USFWS map for the area surrounding the Site, the nearest wetland is the UWCD El Rio Spreading Grounds, located 0.25 to 1 mile north of the Site (USFWS 2020).

3.3.4 Asbestos Containing Rocks

Tetra Tech has reviewed available topographic and geologic maps for the Site area and *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos* (CDMG 2000) for potential sources of naturally occurring asbestos (NOA) and believes the risk for NOA at the Site is low. The nearest sources of NOA are approximately 40 miles northwest of the Site in the Santa Ynez River Watershed located in Santa Barbara County.

4.0 PHASE II ESA FIELD ASSESSMENT

4.1 RATIONALE

Tetra Tech implemented the field sampling in accordance with the following DTSC guidance documents:

- *Preliminary Endangerment Guidance Manual* (DTSC January 1994, Revised October 2015) (PEA Guidance Manual), and
- *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (DTSC 2008) (Agricultural Fields Guidance).

For properties such as the Site where agricultural row crop production was performed between 1950 and 1974, the Agricultural Fields Guidance (DTSC 2008) recommends assessment of shallow subsurface soil for OCPs and arsenic. In addition, smudge pots containing fuel oil were likely formerly used at the Site for frost abatement. Therefore, soil sampling was performed to assess the potential impacts to Site soils from former commercial pesticide application (OCPs and arsenic), and from fuel oil used in smudge pots for former frost abatement practices (semivolatile organic compounds [SVOCs], polyaromatic hydrocarbons [PAHs], and diesel fuel range total petroleum hydrocarbons (TPHd) and crude oil range total petroleum hydrocarbons (TPHc).

Soil sampling was also performed to assess the potential release of PCBs to Site soils from the pole-mounted electrical transformers formerly located at the southwest Site boundary along North Rose Avenue.

4.2 SITE HEALTH AND SAFETY

A Site-Specific Health and Safety Plan (SSHSP) was prepared for the Phase II ESA. The SSHSP is required by law to perform work at sites where workers may be exposed to hazardous waste and/or materials. The SSHSP was prepared in accordance with Code of Federal Regulations (CFR) Section 1910.120, California Administrative Code (CAC), Title 8, and the Tetra Tech Corporate *Health and Safety Manual* (Tetra Tech 2011). The SSHSP included a Site location map and a map showing the most direct route to the nearest emergency care center, the identity of the Site Health and Safety Officer, lists of the chemicals, materials, equipment, physical conditions that pose a threat or hazard, and the level of protection that will provide for proper worker safety. Proof of valid and current Occupational Safety and Health Administration (OSHA) training certifications is required for all Site workers. The SSHSP also described the procedures and practices that were followed during field activities, including safety monitoring and field decontamination. All fieldwork was performed in accordance with the SSHSP.

4.3 SOIL SAMPLE COLLECTION AND SAMPLE ANALYSIS SCHEDULE

The surface soil sample analysis schedule is presented in Table 1 and the surface soil sample locations are shown on Figure 3. Tetra Tech collected soil samples using hand sampling techniques at 20 locations in the 10-acre Site in an equal-spaced grid pattern to assess potential pesticide and fuel oil in surface soils. Soil samples were also collected at one location to assess potential PCBs in surface soils beneath a long-term pole mounted transformer location. The soil sample analyses were performed by BC Laboratories, Inc. (BC), a California State Certified laboratory.

4.3.1 Assessment of Potential Impacts to Soil from Past Agricultural Land Use

Assessment of Potential OCPs and Arsenic in Soil. Based on rationale recommended in the PEA Guidance Manual (DTSC 2015) and Agricultural Fields Guidance (DTSC 2008), Tetra Tech collected soil

samples using hand sampling techniques at 20 locations (sample locations SS-1 through SS-20) in the 10-acre Site in an equal-spaced grid pattern (Figure 3 and Table 2). At each location, a surface soil sample was collected at depths of 0 to 0.5 feet bgs. The twenty discrete surface soil samples were collected and combined into five composite samples and one duplicate composite sample by the analytical laboratory for OCP analysis using United States Environmental Protection Agency (EPA) method 8081A (Table 1). Surface soil samples SS-1 through SS-4 were combined into composite sample Comp 1 and duplicated sample Comp DUP 1. Surface soil samples SS-5 through SS-8 were combined into composite sample Comp 2. Surface soil samples SS-9 through SS-12 were combined into composite sample Comp 3. Surface soil samples SS-13 through SS-16 were combined into composite sample Comp 4. Surface soil samples SS-17 through SS-20 were combined into composite sample Comp 5. As required by the Agricultural Fields Guidance document, five discrete surface soil samples (samples SS-1, SS-5, SS-10, SS-16, and SS-20) and one duplicate soil sample from sample SS-5 (6 soil samples total) were collected for arsenic analysis using EPA method 6010B within the OCP sampling grid (Table 3).

Assessment of Potential Smudge Pot Fuel Oil in Soil. To assess the Site for potential impacts to soil from smudge pot fuel oil, Tetra Tech collected surface soil samples using hand sampling techniques at depths of 0 to 0.5 feet bgs at 10 locations across the Site within the OCP sampling grid. Ten discrete surface soil samples (samples SS-1, SS-3, SS-5, SS-7, SS-9, SS-11, SS-13, SS-15, SS-17, and SS-19) and two duplicate soil samples at sample locations SS-5 and SS-17 (12 soil samples total) were collected and analyzed for SVOCs using EPA method 8270C, PAHs using EPA method 8310, and TPHd and TPHc using EPA method 8015B within the OCP sampling grid (Tables 4, 5, and 6).

4.3.2 Assessment of Potential PCB Impacts to Soil

To assess the Site for potential impacts to soil from PCBs that may have been released from the pole-mounted electrical transformer located on the southwestern Site boundary, Tetra Tech collected surface soil samples at a single location (sample location SS-21) using hand sampling techniques at depths of 0 to 0.5 feet bgs from beneath the power pole (Figure 3). One discrete surface soil sample (Sample SS-21) and one duplicate soil sample (two soil samples total) were collected and analyzed for PCBs using EPA method 8081 (Table 3).

4.4 SOIL SAMPLE ANALYSIS RESULTS

4.4.1 Analytical Results for Organochlorine Pesticides

The OCP sample results are included in Appendix A, summarized in Table 2, and the sample locations are shown on Figure 3. Low concentrations of OCPs were detected in all five surface soil composite samples and the composite duplicate sample. The OCPs 4,4'-DDD (DDD), 4,4'-DDE (DDE), 4,4'-DDT (DDT), and dieldrin were detected in all the composite samples. For each OCPs detected at concentrations above the laboratory method detection limit (MDL), the maximum detected concentration occurred in the following samples:

- DDD was detected at a maximum concentration of 0.024 milligrams per kilogram (mg/kg) in composite sample Comp 2;
- DDE was detected at a maximum concentration of 0.27 mg/kg in composite sample Comp 2;
- DDT was detected at a maximum concentration of 0.049 mg/kg in composite sample Comp 2; and

- Dieldrin was detected at a maximum concentration of 0.052 mg/kg in the composite sample Comp 2.

No other OCPs were detected at concentrations above the laboratory MDLs, which are less than their respective U.S. EPA RSLs (U.S. EPA 2020).

With the exception of dieldrin, none of the OCPs were detected at concentrations that exceeded their respective U.S. Environmental Protection Agency (U.S. EPA) Regional Screening Levels (RSLs) (U.S. EPA 2020) for residential soil (Table 2). The dieldrin concentration in composite sample Comp 2 (0.052 mg/kg) exceeded the U.S. EPA RSL for dieldrin of 0.034 mg/kg. In general, low concentrations of OCPs were detected at similar levels in each composite sample, supporting the agricultural use scenario determined from the review of past Site uses.

4.4.2 Analytical Results for Arsenic

The arsenic sample results are included in Appendix A, summarized in Table 3, the sample locations are shown on Figure 3. Arsenic concentrations in the soil samples ranged from 3.0 mg/kg in sample SS-16 to 4.8 mg/kg in sample DUP-1, the duplicate sample for sample SS-5. These sample results are below the DTSC arsenic screening value for soil at California School Sites (DTSC-ASL) of 12 mg/kg (DTSC 2008).

4.4.3 Analytical Results for SVOCs

The SVOC sample results are included in Appendix A, summarized in Table 4, and the sample locations are shown on Figure 3. SVOCs were detected in the following soil samples:

- Bis(2-Ethylhexyl)phthalate was detected in sample SS-3 at 0.036 mg/kg as compared to the U.S. EPA RSL of 39 mg/kg (U.S. EPA 2020);

- DDD was detected in samples SS-3 at 0.0068 mg/kg, SS-5 at 0.025 mg/kg, DUP 1, the duplicate sample for sample SS-5 at 0.021 mg/kg, SS-7 at 0.012 mg/kg, SS-9 at 0.021 mg/kg, SS-11 at 0.01 mg/kg, SS-13 at 0.0084 mg/kg, SS-17 at 0.008 mg/kg, and DUP 2, the duplicate sample for sample SS-17 at 0.0074 mg/kg as compared to the U.S. EPA RSL of 1.9 mg/kg mg/kg (U.S. EPA 2020);

- DDE was detected in samples SS-3 at 0.06 mg/kg, SS-5 at 0.21 mg/kg, DUP 1, the duplicate sample for sample SS-5 at 0.17 mg/kg, SS-7 at 0.089 mg/kg, SS-9 at 0.17 mg/kg, SS-11 at 0.085 mg/kg, SS-13 at 0.10 mg/kg, SS-15 at 0.063 mg/kg, SS-17 at 0.081 mg/kg, DUP 2, the duplicate sample for sample SS-17 at 0.087 mg/kg, and SS-19 at 0.081 mg/kg as compared to the U.S. EPA RSL of 2.0 mg/kg (U.S. EPA 2020);

- DDT was detected in samples SS-3 at 0.0093 mg/kg and SS-5 at 0.014 mg/kg as compared to the U.S. EPA RSL of 1.9 mg/kg mg/kg (U.S. EPA 2020); and

- Dieldrin was detected in sample SS-3 at 0.021 mg/kg as compared to the U.S. EPA RSL of 0.034 mg/kg (U.S. EPA 2020).

No other SVOCs in the EPA Method 8270C list were detected at concentrations above their laboratory MDLs, which were less than less than their respective U.S. EPA RSLs (U.S. EPA 2020).

4.4.4 Analytical Results for PAHs

The PAH sample results are included in Appendix A, summarized in Table 5, and the sample locations are shown on Figure 3. PAHs were detected in the following soil samples:

- Fluoranthene was detected in samples SS-1 at 0.00068 mg/kg, SS-17 at 0.00067 mg/kg, and SS-19 at 0.0011 mg/kg as compared to the U.S. EPA RSL of 2,400 mg/kg (U.S. EPA 2020);

- Phenanthrene was detected in samples SS-19 at 0.00091 mg/kg, there is no screening level for phenanthrene; and

- Pyrene was detected in samples SS-1 at 0.00071 mg/kg, SS-17 at 0.00078 mg/kg, and SS-19 at 0.0011 mg/kg as compared to the U.S. EPA RSL of 1,800 mg/kg (U.S. EPA 2020).

No other PAHs in the EPA 8270 Method SIM list were detected at concentrations above their laboratory MDLs, which were less than less than their respective U.S. EPA RSLs (U.S. EPA 2020).

4.4.5 Analytical Results for TPHd and TPHc

The TPHd and TPHc sample results are included in Appendix A, summarized in Table 6, and the sample locations are shown on Figure 3. Figure 4 presents a hits map that shows the sample results at the sample locations. THPd and TPHc were detected in nine of the ten of the surface soil samples collected at Site and the two duplicate surface soil samples collected for TPHd and TPHc assessment as follows:

- TPHd was detected in samples SS-1 at 4,800 mg/kg, SS-3 at 2,000 mg/kg, SS-5 at 3,200 mg/kg, DUP 1, the duplicate sample for sample SS-5 at 1,400 mg/kg, SS-7 at 3,300 mg/kg, SS-9 at 3,100 mg/kg, SS-11 at 4,100 mg/kg, SS-13 at 2,000 mg/kg, SS-17 at 170,000,000 mg/kg, DUP 2, the duplicate sample for sample SS-17 at 870,000 mg/kg, and SS-19 at 17 mg/kg as compared to the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Level (ESL) (SFRWQCB 2019) for residential soil of 260 mg/kg;

- TPHc was detected in samples SS-1 at 35,000 mg/kg, SS-3 at 25,000 mg/kg, SS-5 at 19,000 mg/kg, DUP 1, the duplicate sample for sample SS-5 at 23,000 mg/kg, SS-7 at 28,000 mg/kg, SS-9 at 26,000 mg/kg, SS-11 at 28,000 mg/kg, SS-13 at 24,000 mg/kg, SS-17 at 15,000,000 mg/kg, DUP 2, the duplicate sample for sample SS-17 at 670,000 mg/kg, and SS-19 at 81,000 mg/kg as compared to the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg (SFRWQCB 2019); and

- TPHd and TPHc were not detected in surface soil sample SS-15.

TPHd was detected in samples SS-1, SS-3, SS-5, DUP 1, SS-7, SS-9, SS-11, and SS-13 at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 260 mg/kg by one order of magnitude. In samples SS-17 and DUP 2, the TPHd concentrations exceeded the SFRWQCB Tier 1 ESL for residential soil of 260 mg/kg by six and three orders of magnitude, respectively (SFRWQCB 2019).

TPHc was detected in samples SS-1, SS-3, SS-5, DUP 1, SS-7, SS-9, SS-11, SS-13, and SS-19 at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg by one order of magnitude. In samples SS-17 and DUP 2, the TPHc concentrations exceeded the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg by nine and four orders of magnitude, respectively (SFRWQCB 2019).

4.4.6 Analytical Results for PCBs

The PCB sample results are included in Appendix A, are summarized in Table 4, and the sample location is shown on Figure 3. The PCB aroclor 1260 concentrations in the soil samples SS-21 and DUP 3, the duplicate sample for samples SS-21 were 0.0083 mg/kg and 0.0070 mg/kg, respectively (Table 3) as compared to the U.S. EPA RSL of 0.24 mg/kg (U.S. EPA 2020). No other PCB aroclors were detected in samples SS-21-0 and DUP 3. All of the soil sample results for PCBs were less than their U.S. EPA RSL (U.S. EPA 2020).

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5.0 CONCLUSIONS

5.1 GENERAL SITE CONDITIONS

The Site is owned by KMS Industries, Inc., is leased by Reiter Affiliated Companies, and is currently used for the production of organic raspberries. The grounds were clean and well-kept. No buildings exist on Site. Additionally, no chemical products, storage drums, aboveground storage tanks (ASTs) or underground storage tanks (USTs) exist on Site. Dirt roads line the southern and western sides of the Site and separate rows of raspberries. No utilities currently are connected to the Site. Utilities serving the Site area are electricity (Southern California Edison) and natural gas (the Southern California Gas Company). Water for crop irrigation at the Site is provided by five groundwater wells owned by KMS Industries, Inc. Solid waste disposal is performed by Harrison Industries. The Site is adjacent to other areas currently being used for organic raspberry production on the northeast and southeast sides. Three pole-mounted electrical transformers are adjacent to the Site's southwest corner. A groundwater production well operated by the UWCD is located adjacent to the southern corner of the Site. The Rio del Valle Middle School is located adjacent to the southwestern Site boundary. Two high volume water transmission pipelines (one operated by the City of Oxnard and one operated by the UWCD) are located 30 and 40 feet, respectively northwest of the Site beneath North Rose Avenue. A groundwater production and treatment facility operated by the Vineyard Avenue Estates Water Mutual Company is located northwest of the Site across North Rose. The Site is not located in an oil field. The nearest oil field is the Santa Clara Avenue Field, located approximately 0.5 to 1 mile southeast of the Site. There are no known active or abandoned oil wells on Site. The "McGrath-McCormick 1", located approximately 500 feet northeast of the Site, is the oil well closest to the Site. The "McGrath-McCormick 1" oil well is a dry (non-oil producing) well that was drilled and abandoned in 1959.

5.2 PHASE II ESA RESULTS

This Phase II ESA was completed to further assess RECs 1, 2, and 3 that were identified in the Phase I ESA (Tetra Tech 2020) as follows:

- REC 1, potential impacts to surface and near surface soil at the Site from former pesticide applications associated with former agricultural land use practices, specifically OCPs and arsenic;
- REC 2, potential bunker oil releases from potential former smudge pot frost abatement, specifically, SVOCs, PAHs, TPHd, and TPHc; and
- REC 3, PCBs potentially released to surface soils beneath a long-term pole mounted electrical transformer location.

Based on review of the Phase II ESA surface soil sample results the Site appears to have been slightly impacted by OCPs and significantly impacted by TPHd, and TPHc from past agricultural production activities. The surface soil sample results for arsenic, SVOCs, PAHs, and PCBs did not yield results with concentrations above relevant screening levels. The sample results OCPs, THPd, TPHc, and arsenic are summarized below.

OCPs were detected in all five of the composite surface soil samples and the composite duplicate surface soil sample (Table 2). The OCPs DDD, DDT, and DDE were detected at concentrations below their respective screening levels. Dieldrin was detected in one sample at a concentration of 0.052 mg/kg, slightly above the screening level of 0.034 mg/kg. No other OCPs were identified in the composite surface soil sample results from the Site.

The Site surface soils appear to have been significantly impacted by TPHd and TPHc, potentially from smudge pot fuel (Table 6 and Figure 4). TPHd was detected in seven of the ten surface soil samples and one duplicate surface soil sample at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 260 mg/kg by one order of magnitude. In one sample the TPHd concentrations exceeded the SFRWQCB Tier 1 ESL for residential soil by six and another by and three orders of magnitude (SFRWQCB 2019). TPHc was detected in eight of the ten surface soil samples and one duplicate sample at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg by one order of magnitude. In samples SS-17 and DUP 2, the TPHc concentrations exceeded the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg by nine and four orders of magnitude, respectively (SFRWQCB 2019). As shown on Figure 4, the elevated TPHd and TPHc in surface soil appears to be fairly evenly distributed across most of the Site.

Arsenic was detected in the five surface soil samples and duplicate surface soil sample collected to assess arsenic at the site at concentrations ranging from 3.0 mg/kg to 4.8 mg/kg (Table 3). Arsenic was not detected at concentrations above the DTSC-ASL of 12 mg/kg (DTSC 2008). No significant impacts to the Site from arsenic in surface soil were identified.

6.0 RECOMMENDATIONS

The findings of this Phase II ESA indicate that Site surface soils have been slightly impacted by OCPs and significantly impacted by TPHd and TPHc. The surface soil sample results indicate that the OCP dieldrin is present within the Comp 2 sample group at 0.052 mg/kg, which slightly exceeds the screening level (0.034 mg/kg). TPHd and TPHc appear to be present throughout most of the Site at concentrations that significantly exceed SFRWQCB screening levels.

For development of the Site as a MOT facility, Tetra Tech recommends that the RSD enter the Site into the DTSC Voluntary Cleanup Program (VCP) and perform additional assessment to evaluate the lateral and vertical extent of dieldrin at concentrations exceeding the screening level and the lateral and vertical extent of TPHd and TPHc at concentrations exceeding the screening levels. The assessment data will be used to develop appropriate regulatory clearance prior to developing the Site as a MOT facility. The DTSC VCP is a streamlined program designed to protect human health, clean up the environment, and get property back to productive use. Entities entering into VCP agreements will be able to restore properties quickly and efficiently, rather than having their projects compete for DTSC's limited resources with other low-priority hazardous waste sites. A remedy for the impacted soil at the Site will be developed following completion of the additional assessment through the DTSC VCP.

If the Site or portion of the Site is developed as a K-12 school facility, it is Tetra Tech's recommendation that a Preliminary Environmental Assessment (PEA) be performed under DTSC oversight to further evaluate the RECs posed by the areas of the Site that are slightly impacted by OCPs and significantly impacted by TPHd and TPHc. The assessment data and findings from this Phase II ESA and from the recommended work to be performed under the DTSC VCP should be incorporated into the PEA. A hazardous pipeline assessment should also be conducted in accordance with the *Guidance Protocol for School Site Pipeline Risk Analysis* (CDE 2007) as part of the PEA to evaluate potential hazards posed by the two high-volume water transmission pipelines beneath North Rose Avenue within 1,500 feet of the Site.

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7.0 DISCLAIMER

This report was compiled based partially on information supplied to Tetra Tech from outside sources and other information which is in the public domain. The conclusions and recommendations herein are based solely on the information Tetra Tech obtained in compiling the report. Documentation for the statements made in the report is on file at Tetra Tech's offices in Santa Barbara, California. Tetra Tech makes no warranty as to the accuracy of statements made by others which may be contained in the report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report, except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Since the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards that could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of client's obligation under local, state, or federal laws or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

Respectfully submitted,

TETRA TECH



James R. Steele
Project Manager

California Professional Geologist 5963
California Certified Engineering Geologist EG 1906
California Certified Hydrogeologist HG 247
Expiration date: May 31, 2021

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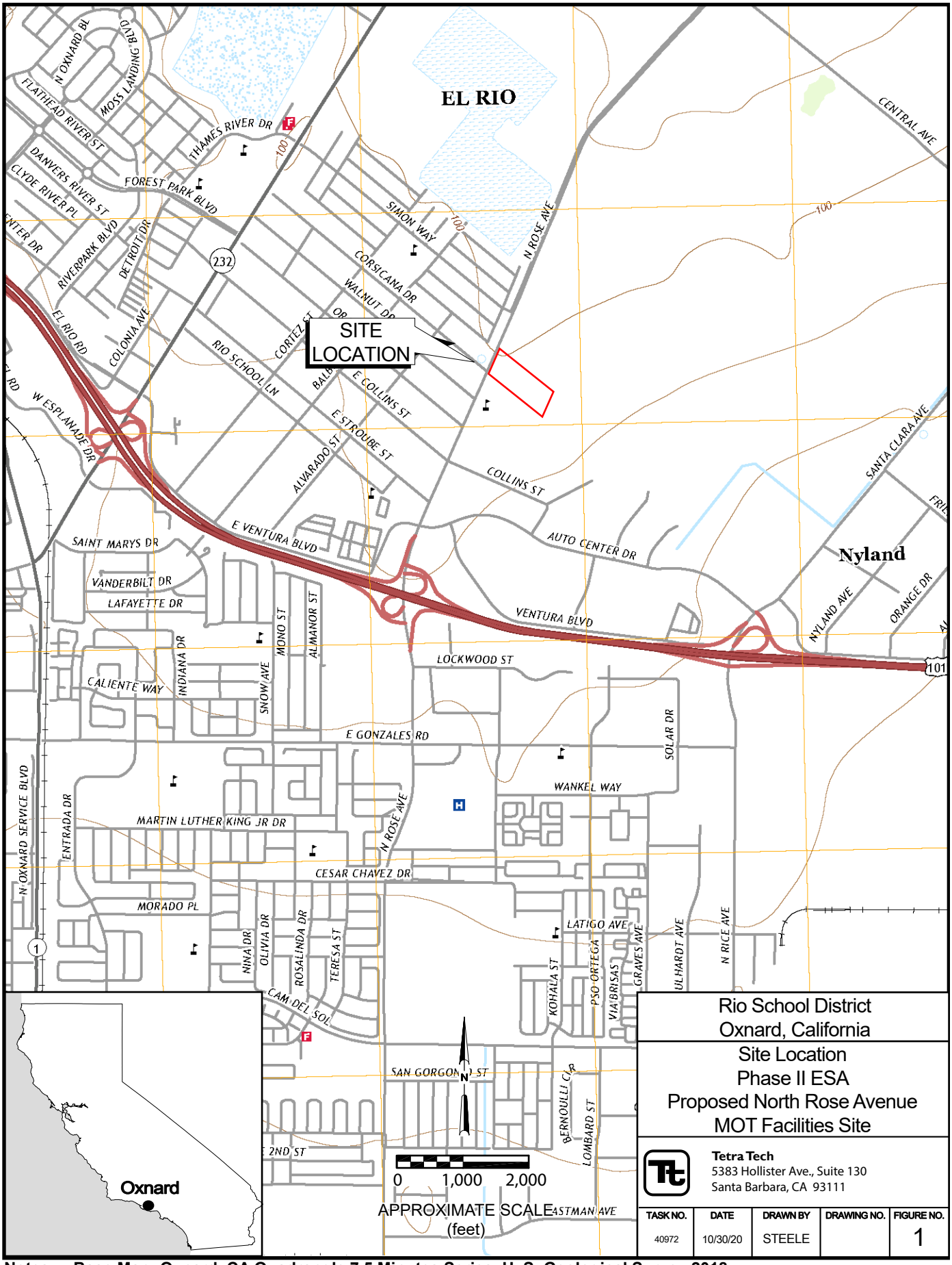
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FIGURES

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Rio School District
Oxnard, California

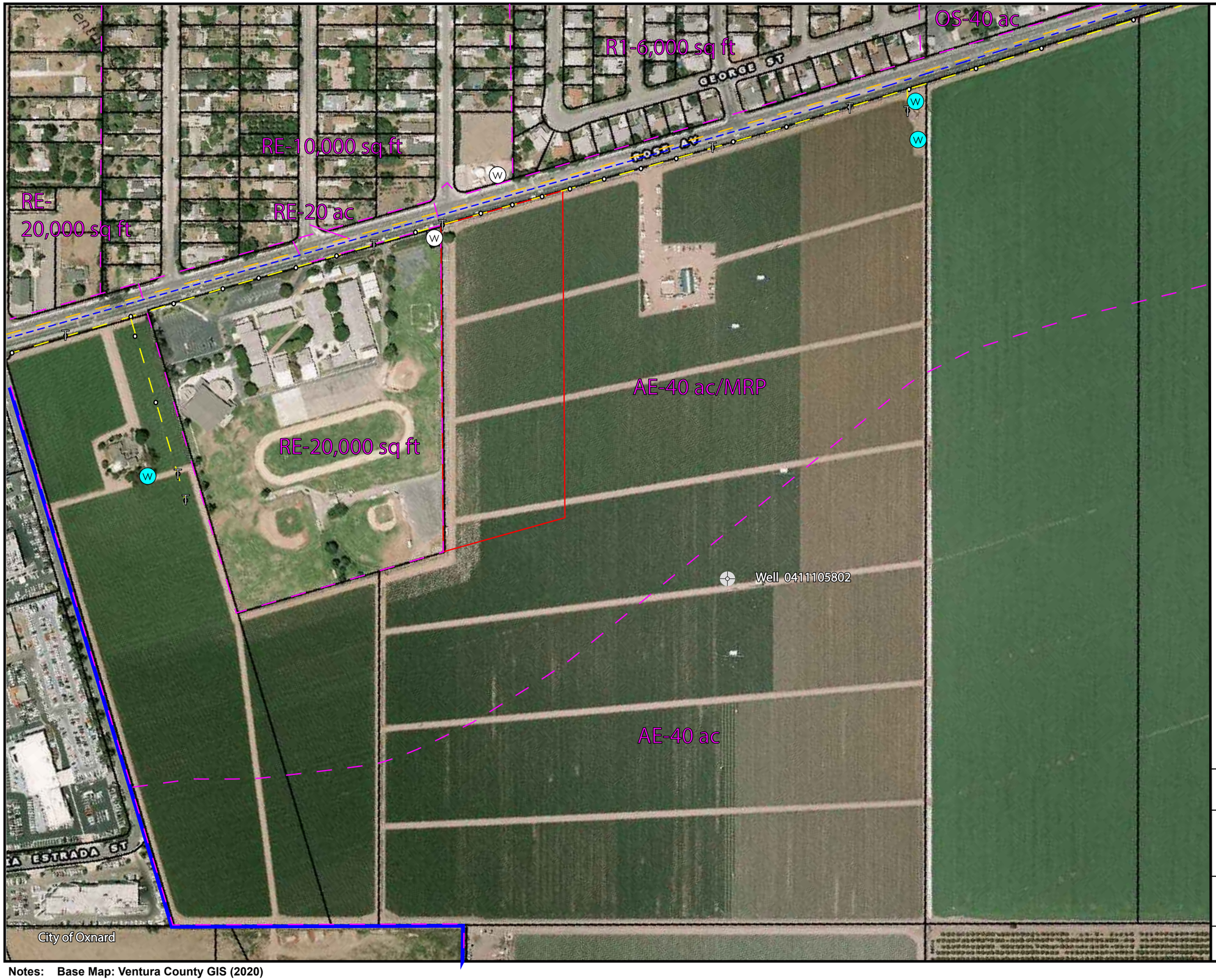
Site Location
Phase II ESA
Proposed North Rose Avenue
MOT Facilities Site

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	DRAWING NO.	FIGURE NO.
40972	10/30/20	STEELE		1

Notes: **Base Map: Oxnard, CA Quadrangle 7.5 Minutes Series, U. S. Geological Survey 2018**

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LEGEND

- Site Boundary
- Assessor's Parcel Boundary
- Zoning Area Boundary
- City of Oxnard Boundary
- Pole-Mounted Electrical Power Lines
- Pole-Mounted Electrical Transformer
- 16-inch OD Steel Water Pipeline (City of Oxnard)
- 36-inch OD Steel Water Pipeline (City of Oxnard)
- 42-inch OD Steel Water Pipeline (United Water Conservation District)
- KMS Industries, Inc. Water Well
- Water Well
- Plugged-Abandoned Oil Well

Zoning Classifications

AE	Agricultural Exclusive
MRP	Mineral Resosurce Protection
RE	Rural Exclusive
R1	Single Family Residential
OS	Open Space
ac	Acres
sq ft	Square Feet

0 150 300

APPROXIMATE SCALE (feet)

Rio School District
Oxnard, California

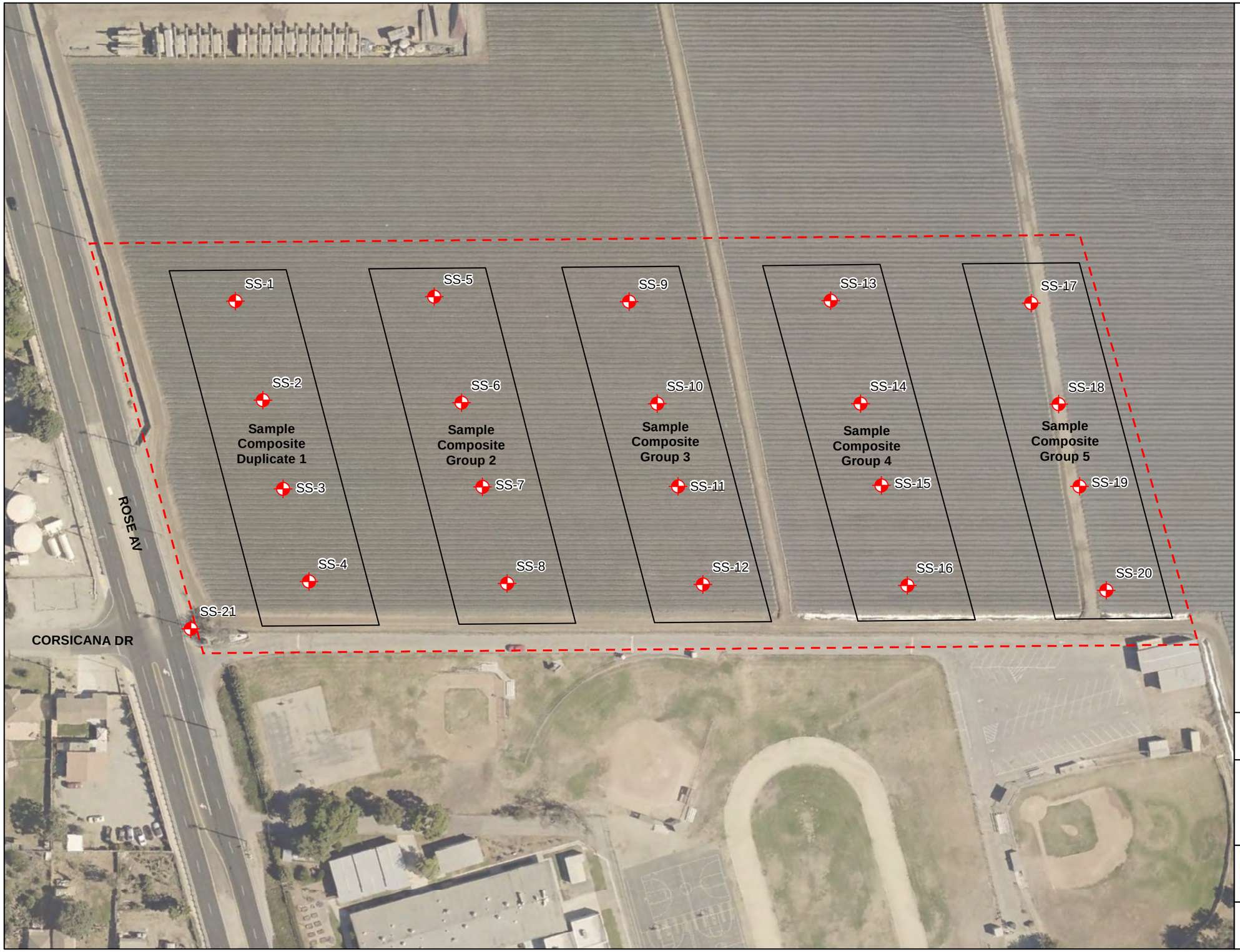
Site Plan
Phase II ESA
Proposed North Rose Avenue
MOT Facilities Site

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
40972	10/30/20	STEELE	2

Notes: **Base Map: Ventura County GIS (2020)**

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Legend

- Surface Soil Sample Location
- Site Boundary

N E S W

0 50 100 200 Feet

Aerial Imagery: 2018, Ventura County

Rio School District
Oxnard, California

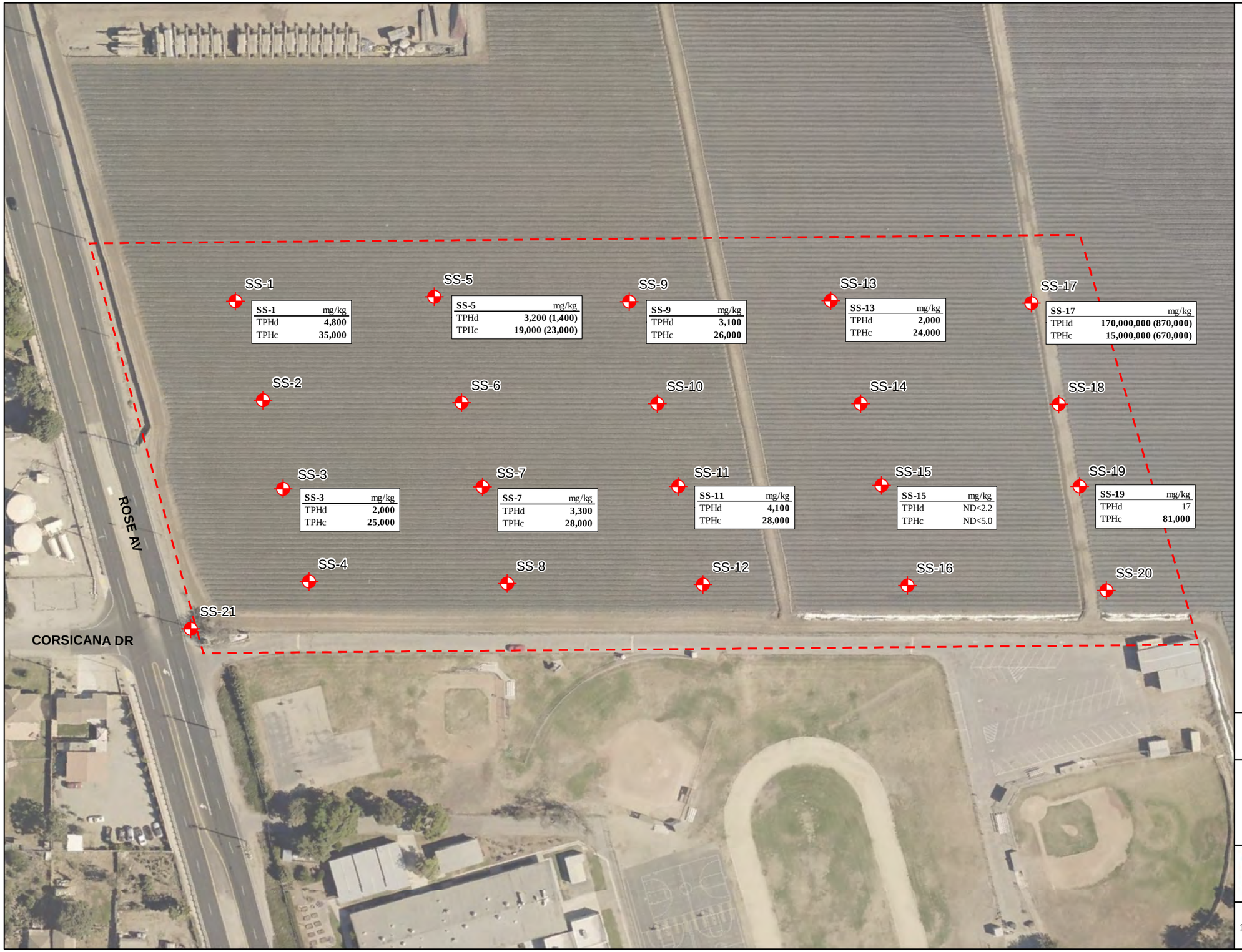
Phase II ESA Sample Location Map

Phase II ESA
Proposed North Rose Avenue
MOT Facilities Site

TETRA TECH
5383 Hollister Avenue
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Santa Barbara, CA 93111

TC NO.	DATE	DRAWN BY	MAP NO.	FIGURE
112G-SBA-T40972	10/29/2020	JS/tr	10703	3

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Legend

Surface Soil Sample Location

Site Boundary

mg/kg - milligrams per kilogram

TPHd - Diesel Range Total Petroleum Hydrocarbons (C10-C25)

TPHc - Crude Oil Range Total Petroleum Hydrocarbons (C25-C40)

Note: Duplicate sample results shown in parentheses.

0 50 100 200 Feet

Aerial Imagery: 2018, Ventura County

Rio School District
Oxnard, California

Phase II ESA Total Petroleum Hydrocarbons Sample Results

Phase II ESA
Proposed North Rose Avenue
MOT Facilities Site

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Santa Barbara, CA 93111

TC NO.	DATE	DRAWN BY	MAP NO.	FIGURE
112G-SBA-T40972	10/29/2020	JS/tr	10711	4

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TABLES

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Table 1
Phase II ESA Sample Analysis Schedule

Target Compounds/Analytical Method	Sample Analysis Breakdown	Total Samples
Soil Sample Analysis for Assessment of Potential Agricultural Impacts		
Organochlorine Pesticides (OCPs) by EPA SW8081A	Samples SS-1 through SS-4 were combined into composite duplicate sample Comp 1 and duplicate sample Comp DUP 1. Surface soil samples SS-5 through SS-8 were combined into composite sample Comp 2. Surface soil samples SS-9 through SS-12 were combined into composite sample Comp 3. Surface soil samples SS-13 through SS-16 were combined into composite sample Comp 4. Surface soil samples SS-17 through SS-20 were combined into composite sample Comp 5.	6
Arsenic by EPA method SW6010B	Samples SS-1, SS-5, SS-10, SS-16, SS-20, and DUP 1 (duplicate sample for SS-5)	6
Semivolatile Organic Compounds (SVOCs) by EPA Method SW8270C	Samples SS-1, SS-3, SS-5, SS-7, SS-9, SS-11, SS-13, SS-15, SS-17, SS-19, DUP 1 (duplicate sample for SS-5) and DUP 2 (duplicate sample for SS-17)	12
Polyaromatic Hydrocarbons (PAHs) by EPA Method SW8310	Samples SS-1, SS-3, SS-5, SS-7, SS-9, SS-11, SS-13, SS-15, SS-17, SS-19, DUP 1 (duplicate sample for SS-5) and DUP 2 (duplicate sample for SS-17)	12
Total Petroleum Hydrocarbons (TPH) as Diesel (TPHd) and TPH as crude oil (TPHc) by EPA Method SW8015B	Samples SS-1, SS-3, SS-5, SS-7, SS-9, SS-11, SS-13, SS-15, SS-17, SS-19, DUP 1 (duplicate sample for SS-5) and DUP 2 (duplicate sample for SS-17)	12
Soil Sample Analysis for Assessment of Potential Impacts from PCBs		
Polychlorinated Biphenyls (PCBs) by EPA Method SW8082	Samples SS-21 and DUP 3 (duplicate sample for SS-21)	2

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Table 2
Organochlorine Pesticides in Soil by EPA Method 8081A
3410 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID					**SS-1 - SS-4**	**SS-1 - SS-4**	**SS-5 - SS-8**	**SS-9 - SS-12**	**SS-13 - SS-16**	**SS-17 - SS-20**
Sample ID[a]					**Comp 1**	**Comp DUP 1**	**Comp 2**	**Comp 3**	**Comp 4**	**Comp 5**
Collection Date					**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**
Collection Depth					**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Organochlorine Pesticide[a]	MDL	PQL	SL	Notes	Result	Result	Result	Result	Result	Result
4,4'-DDD (DDD)	0.0003	0.003	1.9	b, d	0.0094	0.0072	0.024	0.013	0.0068	0.0068
4,4'-DDE (DDE)	0.001	0.005	2.0	c, d	0.11	0.084	0.27	0.16	0.091	0.091
4,4'-DDT (DDT)	0.0002	0.003	1.9	c, d	0.027	0.022	0.049	0.027	0.017	0.017
Dieldrin	0.0002	0.003	0.034	c, d	0.023	0.023	**0.052**	0.027	0.016	0.016
All other OCPs[e]					ND	ND	ND	ND	ND	ND

Notes:

a - All composite soil sample results are listed showing only the detected OCPs.

b - non carcinogenic

c - carcinogenic

d - Residential Soil Screening Level is the USEPA Region 9 Soil RSLs (USEPA 2020) as recommended by DTSC HHRA Note 3 (DTSC 2020).

e - The compound-specific MDLs and PQLs for analytes that were not detected are presented with the laboratory reports in Appendix A.

MDL - method detection limit

ND - not detected

OCP - Organochlorine Pesticide

PQL - practical quantitation limit

SL - Screening Level

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

The analyte concentrations in bold font exceed their relevant screening level.

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Table 3
Arsenic in Soil by EPA Method 6010B and
Polychlorinated Biphenyls in Soil by EPA Method 8082
3410 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID					**SS-1**	**SS-5**	**SS-5**	**SS-10**	**SS-16**	**SS-20**
Sample ID					**SS-1**	**SS-5**	**DUP 1**	**SS-10**	**SS-16**	**SS-20**
Collection Date					**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**
Collection Depth					**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Constituent[a]	MDL	PQL	SL	Notes	Result	Result	Result	Result	Result	Result
Arsenic	0.4	1.0	12	c, d	3.6	4.6	4.8	3.5	3.0	3.3

Location ID					**SS-21**	**SS-21**
Sample ID					**SS-21**	**DUP 3**
Collection Date					**10/9/2020**	**10/9/2020**
Collection Depth					**0.0**	**0.0**
Constituent[a]	MDL	PQL	SL	Notes	Result	Result
Aroclor 1260	0.0035	0.019	0.24	c, e	0.0083	0.0070
All other Aroclors[f]					ND	ND

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Table 4
Semivolatile Organic Compounds in Soil by EPA Method 8270C
3410 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID					**SS-1**	**SS-3**	**SS-5**	**SS-5**	**SS-7**	**SS-9**
Sample ID					**SS-1**	**SS-3**	**SS-5**	**DUP 1**	**SS-7**	**SS-9**
Collection Date					**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**
Collection Depth					**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Constituent[a]	MDL	PQL	SL	Notes	Result	Result	Result	Result	Result	Result
bis(2-Ethylhexyl)phthalate	0.0067	0.20	39	c, d	ND<0.0067	0.036	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0067
4,4'-DDD (DDD)	0.0067	0.10	1.9	b, d	ND<0.0067	0.0068	0.025	0.021	0.012	0.021
4,4'-DDE (DDE)	0.0068	0.10	2.0	c, d	ND<0.0068	0.06	0.21	0.17	0.089	0.17
4,4'-DDT (DDT)	0.0067	0.10	1.9	c, d	ND<0.0067	0.0093	0.014	ND<0.0067	ND<0.0067	ND<0.0067
Dieldrin	0.0077	0.10	0.034	c, d	ND<0.0077	0.021	ND<0.0077	ND<0.0077	ND<0.0077	ND<0.0077
All other SVOCs[e]					ND	ND	ND	ND	ND	ND

Location ID					**SS-11**	**SS-13**	**SS-15**	**SS-17**	**SS-17**	**SS-19**
Sample ID					**SS-11**	**SS-13**	**SS-15**	**SS-17**	**DUP 2**	**SS-9**
Collection Date					**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**
Collection Depth					**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Constituent[a]	MDL	PQL	SL	Notes	Result	Result	Result	Result	Result	Result
bis(2-Ethylhexyl)phthalate	0.0067	0.20	39	c, d	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0067
4,4'-DDD (DDD)	0.0067	0.10	1.9	b, d	0.01	0.0084	ND<0.0067	0.008	0.0074	ND<0.0067
4,4'-DDE (DDE)	0.0068	0.10	2.0	c, d	0.085	0.10	0.063	0.081	0.087	0.081
4,4'-DDT (DDT)	0.0067	0.10	1.9	c, d	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0067	ND<0.0067
Dieldrin	0.0077	0.10	0.034	c, d	ND<0.0077	ND<0.0077	ND<0.0077	ND<0.0077	ND<0.0077	ND<0.0077
All other SVOCs[e]					ND	ND	ND	ND	ND	ND

Notes:

a - Only the detected sample results are listed.

b - non carcinogenic

c - carcinogenic

d - Residential Soil Screening Level is the USEPA Region 9 Soil RSLs (USEPA 2020) as recommended by DTSC HHRA Note 3 (DTSC 2020).

e - The compound-specific MDLs and PQLs for analytes that were not detected are presented with the laboratory reports in Appendix A.

MDL - method detection limit

ND - not detected

PQL - practical quantitation limit

SL - Screening Level

SVOC - Semivlotile Organic Compound

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

The analyte concentrations in bold font exceed their relevant screening level.

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Table 5
Polyaromatic Hydrocarbons in Soil by EPA Method 8270 SIM
3410 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID					**SS-1**	**SS-3**	**SS-5**	**SS-5**	**SS-7**	**SS-9**
Sample ID					**SS-1**	**SS-3**	**SS-5**	**DUP 1**	**SS-7**	**SS-9**
Collection Date					**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**
Collection Depth (feet bgs)					**0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
PAH[a]	MDL	PQL	SL	**Notes**	Result	Result	Result	Result	Result	Result
Fluoranthene	0.00057	0.0030	2,400	b, d	0.00068	ND<0.00057	ND<0.00057	ND<0.00057	ND<0.00057	ND<0.00057
Phenanthrene	0.00049	0.0030	NA	NA	ND<0.00049	ND<0.00049	ND<0.00049	ND<0.00049	ND<0.00049	ND<0.00049
Pyrene	0.00058	0.0030	1,800	b, d	0.00071	ND<0.00058	ND<0.00058	ND<0.00058	ND<0.00058	ND<0.00058
All other PAHs[e]					ND	ND	ND	ND	ND	ND

Location ID					**SS-11**	**SS-13**	**SS-15**	**SS-17**	**SS-17**	**SS-19**
Sample ID					**SS-11**	**SS-13**	**SS-15**	**SS-17-0**	**DUP 2**	**SS-19-0**
Collection Date					**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**
Collection Depth (feet bgs)					**0.0**	**0.0**	**0.0**	**0**	**0.0**	**0**
PAH[a]	MDL	PQL	SL	**Notes**	Result	Result	Result	Result	Result	Result
Fluoranthene	0.00057	0.0030	2,400	b, d	ND<0.00057	ND<0.00057	ND<0.00057	0.00067	ND<0.00057	0.0011
Phenanthrene	0.00049	0.0030	NA	NA	ND<0.00049	ND<0.00049	ND<0.00049	ND<0.00049	ND<0.00049	0.00091
Pyrene	0.00058	0.0030	1,800	b, d	ND<0.00058	ND<0.00058	ND<0.00058	0.00078	ND<0.00058	0.0011
All other PAHs[e]					ND	ND	ND	ND	ND	ND

Notes:

a - Only the detected sample results are listed.

b - non carcinogenic

bgs - below ground surface

c - carcinogenic

d - Residential Soil Screening Level is the USEPA Region 9 Soil RSLs (USEPA 2020) as recommended by DTSC HHRA Note 3 (DTSC 2020).

e - The compound-specific MDLs and PQLs for analytes that were not detected are presented with the laboratory reports in Appendix A.

MDL - method detection limit

NA - not applicable

ND - not detected

PQL - practical quantitation limit

SL - Screening Level

ND<X - Indicates constituent(s) not detected at or above method detection limit.

PAH - Polyaromatic Compound

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

The analyte concentrations in bold font exceed their relevant screening level.

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Table 6
Total Petroleum Hydrocarbons in Soil by EPA Method 8015M
3410 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID					**SS-1**	**SS-3**	**SS-5**	**SS-5**	**SS-7**	**SS-9**	**SS-11-0**	**SS-13**
Sample ID					**SS-1**	**SS-3**	**SS-5**	**Soil Dupe 1**	**SS-7**	**SS-9**	**SS-11**	**SS-13**
Colletion Date					**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**
Colletion Depth (feet bgs)					**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Constituent[a]	MDL	PQL	SL	Notes	Result	Result	Result	Result	Result	Result	Result	Result
TPH as Diesel (C10-C25)	1.0	10.0	260	b, c	**4,800**	**2,000**	**3,200**	**1,400**	**3,300**	**3,100**	**4,100**	**2,000**
TPH as Crude Oil (C25-C40)	1.0	2.0	1,600	b, c	**35,000**	**25,000**	**19,000**	**23,000**	**28,000**	**26,000**	**28,000**	**24,000**

Location ID					**SS-15**	**SS-17**	**SS-17**	**SS-19**
Sample ID					**SS-15**	**SS-17**	**Soil Dupe 2**	**SS-19**
Colletion Date					**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**
Colletion Depth (feet bgs)					**0.0**	**0.0**	**0.0**	**0.0**
Constituent[a]	MDL	PQL	SL	Notes	Result	Result	Result	Result
TPH as Diesel (C10-C25)	1.0	10.0	260	b, c	ND<2.2	**170,000,000**	**870,000**	17
TPH as Crude Oil (C25-C40)	1.0	2.0	1,600	b, c	ND<5.0	**15,000,000**	**670,000**	**81,000**

Notes:

a - All sample results are listed.

b - non carcinogenic

bgs - below ground surface

c - Residential Soil Screeing Levels are from Tier 1 Environmental Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 2019).

MDL - method detection limit

NA - not analyzed

ND - not detected

PQL - practical quantitation limit

SL - Screening Level

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

The analyte concentrations in bold font exceed their relevant screening level.

TPH- total petroleum hydrocarbons

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A - LABORATORY REPORT

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Date of Report: 10/23/2020

James R. Steele

Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Client Project:	[none]
BCL Project:	Rio School District Rose Ave MOT Facility
BCL Work Order:	2029700
Invoice ID:	B395781

Enclosed are the results of analyses for samples received by the laboratory on 10/9/2020. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Stuart Buttram
Technical Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

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Total Petroleum Hydrocarbons 36
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Total Petroleum Hydrocarbons..... 80

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Total Petroleum Hydrocarbons..... 85

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Total Concentrations (TTLC)..... 86

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Precision and Accuracy..... 103

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Laboratory Control Sample..... 106
Precision and Accuracy..... 107

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Chain of Custody and Cooler Receipt Form for 2029700 Page 1 of 6

TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

COC ID: SDG: 20-29700 TURNAROUND TIME: Standard PAGE: 1 of 3

CLIENT/PROJECT INFORMATION
Client: Rio School District
Project Name: Rio School District Rose Avenue MOT Facility
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number: 112G-SBA-T40972-1

SAMPLERS
Sampler's Name: Paige Spivey
Sampler's Signature:
Sampler 2:

LABORATORY
Lab Name: BC Laboratories, Inc.
Lab Contact: Alin Repede
Email: alin.repede@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number:
PO Number: 112G-SBA-T40972-1

SPECIAL INSTRUCTIONS/COMMENTS
Soil aliquots from the following 24 samples will be combined as follows into six composite samples for OCP analysis via method EPA 8081:
Samples Comp Dupe 1A, 1B, 1C, and 1D into composite sample Comp Dup 1.
Samples SS-1, SS-2, SS-3, and SS-4 into composite sample Comp 1.
Samples SS-5, SS-6, SS-7, and SS-8 into composite sample Comp 2.
Samples SS-9, SS-10, SS-11, and SS-12 into composite sample Comp 3.
Samples SS-13 SS-14, SS-15, and SS-16 into composite sample Comp 4. Samples SS-17, SS-18, SS-19, and SS-20 into composite sample Comp 5.

ANALYSIS REQUESTED

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Composite)	Number of Containers	EPA 8081 Organochlorine Pesticides (OCPs) Water	EPA 8081 Organochlorine Pesticides (OCPs) None	EPA 6010B (Total Arsenic) Water	EPA 6010B (Total Arsenic) None	EPA 8015B TPH Diesel (C12-C24) and Motor Oil Range (C25-C40) Water	EPA 8015B TPH Diesel (C12-C24) and Motor Oil Range (C25-C40) None	EPA 8270C Semivolatile Organic Compounds (SVOCs) Water	EPA 8270C Semivolatile Organic Compounds (SVOCs) None	EPA 8270C - SIM Polynuclear Aromatic Compounds (PNAs) Water	EPA 8270C - SIM Polynuclear Aromatic Compounds (PNAs) None	EPA 8082 Polychlorinated Biphenyls (PCBs) Water	EPA 8082 Polychlorinated Biphenyls (PCBs) None	Remarks	Filtered	Preservative
COMP DUP 1A -7	10/9/2020	0900	S	C	1	X		*						*				Combine into Comp DUP 1 for OCP analysis		
COMP DUP 1B -8	10/9/2020	0900	S	C	1	X												Combine into Comp DUP 1 for OCP analysis		
COMP DUP 1C -9	10/9/2020	0900	S	C	1	X												Combine into Comp DUP 1 for OCP analysis		
COMP DUP 1D -10	10/9/2020	0900	S	C	1	X												Combine into Comp DUP 1 for OCP analysis		
SS-1 -11	10/9/2020	1002	S	C/D	2	X		X	X	X	X	X	X	X	X			Combine aliquot into Comp 1 for OCP analysis / Arsenic, TPH, SVOCs, and PNAs for discrete sample analysis		
SS-2 -12	10/9/2020	0953	S	C	1	X												Combine into Comp 1 for OCP analysis		
SS-3 -13	10/9/2020	0943	S	C/D	2	X				X	X	X	X	X	X			Combine aliquot into Comp 1 for OCP analysis / TPH, SVOCs, and PNAs for discrete sample analysis		
SS-4 -14	10/9/2020	0931	S	C	1	X												Combine into Comp 1 for OCP analysis		
SS-5 -15	10/9/2020	1036	S	C/D	2	X		X	X	X	X	X	X	X	X			Combine aliquot into Comp 2 for OCP analysis / Arsenic, TPH, SVOCs, and PNAs for discrete sample analysis		
DUP-1 -16	10/9/2020	0900	S	D	2			X	X	X	X	X	X	X	X					

Cooler Count: 1 Cooler Temp: 14 45

CHK BY DISTRIBUTION
SUB OUT
*only run Comp Dup 1 for 8081. per Jim. mm 10/15

RELINQUISHED BY/AFFILIATION | DATE/TIME | ACCEPTED BY/AFFILIATION | DATE/TIME
10/9/20 1845
10/9/20 1407
10/9/20 1407
10/9/20 1628

Chain of Custody and Cooler Receipt Form for 2029700 Page 2 of 6

TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

COC ID: SDG: 20-29700 TURNAROUND TIME: Standard PAGE: 2 of 3

CLIENT/PROJECT INFORMATION

Client: Rio School District
Project Name: Rio School District Rose Avenue MOT Facility
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number: 112G-SBA-T40972-1

SAMPLERS

Sampler's Name: Paige Sawaya
Sampler's Signature:
Sampler 2:

LABORATORY

Lab Name: BC Laboratories, Inc.
Lab Contact: Alin Repede
Email: alin.repede@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number
PO Number: 112G-SBA-T40972-1

SPECIAL INSTRUCTIONS/COMMENTS

Soil aliquots from the following 20 samples will be combined as follows into six composite samples for OCP analysis via method EPA 8081:
Samples Comp Dupe 1A, 1B, 1C, and 1D into composite sample Comp Dup 1.
Samples SS-1, SS-2, SS-3, and SS-4 into composite sample Comp 1.
Samples SS-5, SS-6, SS-7, and SS-8 into composite sample Comp 2.
Samples SS-9, SS-10, SS-11, and SS-12 into composite sample Comp 3.
Samples SS-13 SS-14, SS-15, and SS-16 into composite sample Comp 4. Samples SS-17, SS-18, SS-19, and SS-20 into composite sample Comp 5.

SAMPLE DETAILS

ANALYSIS REQUESTED

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	EPA 8081 (OCPs)	EPA 6010B (Total Arsenic)	EPA 8015B TPH (C12-C40)	EPA 8270C (SVOCs)	EPA 8270C - SIM (PNAs)	EPA 8082 (PCBs)	Remarks
						N Note	N Note	N Note	N Note	N Note	N Note	Filtered / Preservative
SS-6	10/9/2020	1050	S	C	1	X						Combine into Comp 2 for OCP analysis
SS-7	10/9/2020	1055	S	C/D	2	X		X	X	X		Combine aliquot into Comp 2 for OCP analysis / TPH, SVOCs, and PNAs for discrete sample analysis
SS-8	10/9/2020	1101	S	C	1	X						Combine into Comp 2 for OCP analysis
SS-9	10/9/2020	1111	S	C/D	2	X		X	X	X		Combine aliquot into Comp 3 for OCP analysis / TPH, SVOCs, and PNAs for discrete sample analysis
SS-10	10/9/2020	1121	S	C/D	2	X	X					Combine aliquot into Comp 3 for OCP analysis / Arsenic for discrete sample analysis
SS-11	10/9/2020	1127	S	C/D	2	X		X	X	X		Combine aliquot into Comp 3 for OCP analysis / TPH, SVOCs, and PNAs for discrete sample analysis.
SS-12	10/9/2020	1141	S	C	1	X						Combine into Comp 3 for OCP analysis
SS-13	10/9/2020	1149	S	C/D	2	X		X	X	X		Combine aliquot into Comp 4 for OCP analysis / TPH, SVOCs, and PNAs for discrete sample analysis.
SS-14	10/9/2020	1158	S	C	1	X						Combine into Comp 4 for OCP analysis
SS-15	10/9/2020	1203	S	C/D	2	X		X	X	X		Combine aliquot into Comp 4 for OCP analysis / TPH, SVOCs, and PNAs for discrete sample analysis.

Cooler Count Cooler Temp

RELINQUISHED BY/AFFILIATION DATE/TIME

1. 10/9/20 1407
2. 10/9/20 1845

ACCEPTED BY/AFFILIATION DATE/TIME

1. 10/9/20 1618
2. 10/9/20 1845

Total Containers Page 2 of 3 Total Containers = 20

Chain of Custody and Cooler Receipt Form for 2029700 Page 3 of 6

TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

COC ID: SDG: 20-2700 TURNAROUND TIME: Standard PAGE: 3 of 3

CLIENT/PROJECT INFORMATION

Client: Rio School District
Project Name: Rio School District Rose Avenue MOT Facility
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number: 112G-SBA-T40972-1

LABORATORY

Lab Name: BC Laboratories, Inc.
Lab Contact: Alin Repede
Email: alin.repede@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number:
PO Number: 112G-SBA-T40972-1

SPECIAL INSTRUCTIONS/COMMENTS

Soil aliquots from the following 20 samples will be combined as follows into six composite samples for OCP analysis via method EPA 8081:
Samples Comp Dup: 1A, 1B, 1C, and 1D into composite sample Comp Dup 1.
Samples: SS-1, SS-2, SS-3, and SS-4 into composite sample Comp 1.
Samples: SS-5, SS-6, SS-7, and SS-8 into composite sample Comp 2.
Samples SS-9, SS-10, SS-11, and SS-12 into composite sample Comp 3.
Samples SS-13, SS-14, SS-15, and SS-16 into composite sample Comp 4. Samples SS-17, SS-18, SS-19, and SS-20 into composite sample Comp 5.

SAMPLERS

Sampler's Name: Paige Segoya
Sampler's Signature:
Sampler 2:

SAMPLE DETAILS

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	ANALYSIS	EPA 8081 (OCPs)	EPA 6010B (Total Arsenic)	EPA 8015B TPH (C12-C40)	EPA 8270C (SVOCs)	EPA 8270C - SIM (PNAs)	EPA 8082 (PCBs)	Remarks	Filtered	Preserative
							N None	N None	N None	N None	N None	N None			
SS-16 -27	10/9/2020	1211	S	C/D	2		X	X					Combine aliquot into Comp 4 for OCP analysis / Arsenic for discrete sample analysis		
SS-17 -28	10/9/2020	1224	S	C/D	2		X		X	X	X		Combine aliquot into Comp 5 for OCP analysis / TPH, SVOCs, and PNAs for discrete sample analysis		
DUP-2 -29	10/9/2020	0900	S	D	2				X	X	X				
SS-18 -30	10/9/2020	1238	S	C	1		X						Combine into Comp 5 for OCP analysis		
SS-19 -31	10/9/2020	1242	S	C/D	2		X		X	X	X		Combine aliquot into Comp 5 for OCP analysis / TPH, SVOCs, and PNAs for discrete sample analysis		
SS-20 -32	10/9/2020	1247	S	C/D	2		X	X					Combine aliquot into Comp 5 for OCP analysis / Arsenic for discrete sample analysis		
SS-21 -33	10/9/2020	1014	S	D	1							X			
DUP-3 -34	10/9/2020	0900	S	D	1							X			
Cooler Count			Cooler Temp		13										

RELINQUISHED BY/AFFILIATION DATE/TIME

10/9/20 1845
10/9/20 1407
10/9/20 1845

ACCEPTED BY/AFFILIATION DATE/TIME

10/9/20 1628
10/9/20 1845
10/9/20 1407

Total Containers Page 3: 13
Grand Total Containers: 13

Chain of Custody and Cooler Receipt Form for 2029700 Page 4 of 6

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 3

Submission #: 20-29700

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☐ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☐ No ☐ All samples containers intact? Yes ☐ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: Clear glass Thermometer ID: 208 Date/Time 10/9 1845

Temperature: (A) 2.2 °C / (C) 2.0 °C Analyst Init GTSP

SAMPLE CONTAINERS	SAMPLE NUMBERS 7	8	9	10	11	12	13	14	15	16
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
(8oz) / 16oz / 32oz JAR	A	A	A	A	AB	A	AB	A	AB	AB
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: CMB Date/Time: 10/10/20 1222

A = Actual / C = Corrected

Rev 21 05/23/2016

I:\WPDocs\WordPerfect\LAB_DOCS\FORMS\SAMPRECrev 21

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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Chain of Custody and Cooler Receipt Form for 2029700 Page 5 of 6

BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 3

Submission #: 10-24700

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____

SHIPPING CONTAINER
Ice Chest ☐ None ☐ Box ☐
Other ☐ (Specify)_____

FREE LIQUID
YES ☐ NO ☐
W / S

Refrigerant: Ice ☐ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☐ No ☐ All samples containers intact? Yes ☐ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: Clear glass Thermometer ID: 208

Temperature: (A) 2.2 °C / (C) 2.0 °C

Date/Time 10/9 1845

Analyst Init GISP

SAMPLE CONTAINERS	SAMPLE NUMBERS 17	18	19	20	21	22	23	24	25	26
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR										
~~SOIL SLEEVE~~ 8oz jar	A	AB	A	AB	AB	AB	A	AB	A	AB
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: CMB Date/Time: 10/10/20 1222

A = Actual / C = Corrected

Rev 21 05/23/2016

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Chain of Custody and Cooler Receipt Form for 2029700 Page 6 of 6

BC LABORATORIES INC. COOLER RECEIPT FORM Page 3 Of 3

Submission #: 20-24700

SHIPPING INFORMATION
Fed Ex ☐ UPS ☑ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)

SHIPPING CONTAINER
Ice Chest ☑ None ☐ Box ☐
Other ☐ (Specify)

FREE LIQUID
YES ☐ NO ☐
W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☐ No ☐ All samples containers intact? Yes ☐ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: Clear glass Thermometer ID: 208

Temperature: (A) 2.2 °C / (C) 2.0 °C

Date/Time 10/9 1845

Analyst Init GISP

SAMPLE CONTAINERS	SAMPLE NUMBERS 27	28	29	30	31	32	33	34		
	1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL-504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
(8oz) 16oz / 32oz JAR	AB	AB	AB	A	AB	AB	A	A		
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: CAB Date/Time: 10/10/20 1222

A = Actual / C = Corrected

Rev 21 05/23/2016

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2029700-01	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Comp DUP 1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-02	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:31
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Comp 1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-03	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 10:36
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Comp 2	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-04	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 11:11
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Comp 3	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-05	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 11:48
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Comp 4	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-06	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 11:48
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Comp 5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-07	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	COMP DUP 1A	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2029700-08	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	COMP DUP 1B	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-09	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	COMP DUP 1C	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-10	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	COMP DUP 1D	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-11	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 10:02
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-12	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:53
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-2	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-13	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:43
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-3	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-14	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:31
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-4	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2029700-15	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 10:36
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-16	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DUP-1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-17	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 10:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-6	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-18	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 10:55
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-7	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-19	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 11:01
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-8	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-20	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 11:11
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-9	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-21	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 11:21
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-10	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2029700-22	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 11:27
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-11	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-23	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 11:27
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-12	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-24	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 11:48
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-13	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-25	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 11:58
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-14	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-26	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 12:03
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-15	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-27	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 12:11
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-16	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-28	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 12:24
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-17	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2029700-29	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DUP-2	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-30	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 12:38
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-18	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-31	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 12:42
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-19	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-32	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 12:47
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-20	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-33	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 10:14
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-21	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2029700-34	**COC Number:**	---	**Receive Date:**	10/09/2020 18:45
	Project Number:	---	**Sampling Date:**	10/09/2020 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DUP-3	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2029700-01 | **Client Sample Name:** Comp DUP 1, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0072**	**mg/kg**	**0.0025**	**0.00032**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.084**	**mg/kg**	**0.0050**	**0.00095**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.022**	**mg/kg**	**0.0025**	**0.00020**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.023**	**mg/kg**	**0.0025**	**0.00018**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A01	1
TCMX (Surrogate)	87.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	92.0	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	10/16/20 13:30	10/19/20 23:05	HKS	GC-17	5.085	B090258	EPA 3550B
2	EPA-8081A	10/16/20 13:30	10/20/20 22:29	HKS	GC-17	10.169	B090258	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2029700-02 | **Client Sample Name:** Comp 1, 10/9/2020 9:31:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0094**	**mg/kg**	**0.0025**	**0.00032**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.11**	**mg/kg**	**0.010**	**0.0019**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.027**	**mg/kg**	**0.0025**	**0.00020**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.023**	**mg/kg**	**0.0025**	**0.00018**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A01	1
TCMX (Surrogate)	80.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	84.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	10/16/20 13:30	10/19/20 23:22	HKS	GC-17	5	B090258	EPA 3550B
2	EPA-8081A	10/16/20 13:30	10/21/20 16:58	HKS	GC-17	20	B090258	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2029700-03 | **Client Sample Name:** Comp 2, 10/9/2020 10:36:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.025	0.00090	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.025	0.0019	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.025	0.0024	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.025	0.0018	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.025	0.00090	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	2.5	0.050	EPA-8081A	ND	A01	1
4,4'-DDD	**0.024**	**mg/kg**	**0.025**	**0.0032**	**EPA-8081A**	ND	**J,A01**	1
4,4'-DDE	**0.27**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	1
4,4'-DDT	**0.049**	**mg/kg**	**0.025**	**0.0020**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.052**	**mg/kg**	**0.025**	**0.0018**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.025	0.0010	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.025	0.0017	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.025	0.0013	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.025	0.0032	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.025	0.00090	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.025	0.0043	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.025	0.00085	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.025	0.0047	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	2.5	0.070	EPA-8081A	ND	A01	1
TCMX (Surrogate)	0	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	140	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	10/16/20 13:30	10/20/20 23:02	HKS	GC-17	50	B090258	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2029700-04 | **Client Sample Name:** Comp 3, 10/9/2020 11:11:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A01	1
4,4'-DDD	**0.013**	**mg/kg**	**0.0025**	**0.00032**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.16**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.027**	**mg/kg**	**0.0025**	**0.00020**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.027**	**mg/kg**	**0.0025**	**0.00018**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A01	1
TCMX (Surrogate)	79.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	78.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	10/16/20 13:30	10/19/20 23:55	HKS	GC-17	5.051	B090258	EPA 3550B
2	EPA-8081A	10/16/20 13:30	10/20/20 23:35	HKS	GC-17	50.505	B090258	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2029700-05 | **Client Sample Name:** Comp 4, 10/9/2020 11:48:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0068**	**mg/kg**	**0.0025**	**0.00032**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.091**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.017**	**mg/kg**	**0.0025**	**0.00020**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.016**	**mg/kg**	**0.0025**	**0.00018**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A01	1
TCMX (Surrogate)	61.4	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	51.1	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	10/16/20 13:30	10/20/20 00:11	HKS	GC-17	5	B090258	EPA 3550B
2	EPA-8081A	10/16/20 13:30	10/20/20 23:51	HKS	GC-17	50	B090258	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2029700-06 | **Client Sample Name:** Comp 5, 10/9/2020 11:48:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0082**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.12**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.025**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.026**	**mg/kg**	**0.0050**	**0.00036**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	95.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	88.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	10/16/20 13:30	10/20/20 00:28	HKS	GC-17	9.836	B090258	EPA 3550B
2	EPA-8081A	10/16/20 13:30	10/21/20 00:08	HKS	GC-17	49.180	B090258	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-11 | **Client Sample Name:** SS-1, 10/9/2020 10:02:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.10	0.0068	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-11 | **Client Sample Name:** SS-1, 10/9/2020 10:02:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-11 | **Client Sample Name:** SS-1, 10/9/2020 10:02:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	70.1	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	61.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	66.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	64.4	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	91.5	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	52.0	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 06:21	MK1	MS-B2	1.014	B090220	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-11 | **Client Sample Name:** SS-1, 10/9/2020 10:02:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	**0.00068**	**mg/kg**	**0.0030**	**0.00057**	**EPA-8270C-SIM**	ND	**J**	1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	**0.00071**	**mg/kg**	**0.0030**	**0.00058**	**EPA-8270C-SIM**	ND	**J**	1
Nitrobenzene-d5 (Surrogate)	74.5	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	63.9	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	64.7	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 14:00	OLH	MS-B7	0.970	B090265	EPA 3550B

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-11 | **Client Sample Name:** SS-1, 10/9/2020 10:02:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**4800**	**mg/kg**	**10**	**2.2**	**EPA-8015CC**	ND	**A52**	1
Crude Oil - C25 - C40	**35000**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	1
Tetracosane (Surrogate)	92.6	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 01:24	BUP	GC-13	0.997	B090261	EPA 3550B

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2029700-11 | **Client Sample Name:** SS-1, 10/9/2020 10:02:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**3.6**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	10/21/20 16:50	10/22/20 11:37	JCC	PE-OP3	0.943	B090540	EPA 3050B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-13 | **Client Sample Name:** SS-3, 10/9/2020 9:43:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	**0.036**	**mg/kg**	**0.20**	**0.0067**	**EPA-8270C**	ND	**J**	1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	**0.0068**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
4,4'-DDE	**0.060**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND	**J**	1
4,4'-DDT	**0.0093**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-13 | **Client Sample Name:** SS-3, 10/9/2020 9:43:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	**0.021**	**mg/kg**	**0.10**	**0.0077**	**EPA-8270C**	ND	**J**	1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-13 | **Client Sample Name:** SS-3, 10/9/2020 9:43:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	71.4	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	69.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	68.5	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	66.7	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	102	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	72.1	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/19/20 15:17	MK1	MS-B8	0.966	B090220	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-13 | **Client Sample Name:** SS-3, 10/9/2020 9:43:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.00058	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	79.8	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	70.2	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	73.3	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 14:22	OLH	MS-B7	0.980	B090265	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-13 | **Client Sample Name:** SS-3, 10/9/2020 9:43:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**2000**	**mg/kg**	**10**	**2.2**	**EPA-8015CC**	ND	**A52**	1
Crude Oil - C25 - C40	**25000**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	1
Tetracosane (Surrogate)	81.8	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 01:47	BUP	GC-13	0.984	B090261	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-15 | **Client Sample Name:** SS-5, 10/9/2020 10:36:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	**0.025**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
4,4'-DDE	**0.21**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	**0.014**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-15 | **Client Sample Name:** SS-5, 10/9/2020 10:36:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-15 | **Client Sample Name:** SS-5, 10/9/2020 10:36:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	80.9	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	72.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	76.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	79.6	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	103	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	64.5	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 07:12	MK1	MS-B2	0.986	B090220	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-15 | **Client Sample Name:** SS-5, 10/9/2020 10:36:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.00058	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	75.0	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	67.7	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	66.1	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 14:45	OLH	MS-B7	0.944	B090265	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-15 | **Client Sample Name:** SS-5, 10/9/2020 10:36:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**3200**	**mg/kg**	**10**	**2.2**	**EPA-8015CC**	ND	**A52**	1
Crude Oil - C25 - C40	**19000**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	1
Tetracosane (Surrogate)	90.5	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/19/20 21:14	BUP	GC-13	0.990	B090261	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2029700-15 | **Client Sample Name:** SS-5, 10/9/2020 10:36:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**4.6**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	10/21/20 16:50	10/22/20 11:39	JCC	PE-OP3	0.952	B090540	EPA 3050B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-16 | **Client Sample Name:** DUP-1, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	**0.021**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
4,4'-DDE	**0.17**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-16 | **Client Sample Name:** DUP-1, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-16 | **Client Sample Name:** DUP-1, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	70.9	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	63.1	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	67.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	70.8	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	87.4	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	56.8	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 07:37	MK1	MS-B2	0.963	B090220	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-16 | **Client Sample Name:** DUP-1, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.00058	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	76.6	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	69.0	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	71.4	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 15:07	OLH	MS-B7	1.017	B090265	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-16 | **Client Sample Name:** DUP-1, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**1400**	**mg/kg**	**10**	**2.2**	**EPA-8015CC**	ND	**A52**	1
Crude Oil - C25 - C40	**23000**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	1
Tetracosane (Surrogate)	66.9	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 02:10	BUP	GC-13	1.003	B090261	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2029700-16 | **Client Sample Name:** DUP-1, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**4.8**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	10/21/20 16:50	10/22/20 11:41	JCC	PE-OP3	0.909	B090540	EPA 3050B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-18 | **Client Sample Name:** SS-7, 10/9/2020 10:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	**0.012**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
4,4'-DDE	**0.089**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-18 | **Client Sample Name:** SS-7, 10/9/2020 10:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-18 | **Client Sample Name:** SS-7, 10/9/2020 10:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	72.4	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	64.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	70.5	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	74.4	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	98.5	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	59.7	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 08:03	MK1	MS-B2	0.967	B090220	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-18 | **Client Sample Name:** SS-7, 10/9/2020 10:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.00058	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	63.9	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	57.4	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	63.9	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 15:30	OLH	MS-B7	0.997	B090265	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-18 | **Client Sample Name:** SS-7, 10/9/2020 10:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**3300**	**mg/kg**	**10**	**2.2**	**EPA-8015CC**	ND	**A52**	1
Crude Oil - C25 - C40	**28000**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	1
Tetracosane (Surrogate)	74.2	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 02:33	BUP	GC-13	0.987	B090261	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-20 | **Client Sample Name:** SS-9, 10/9/2020 11:11:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	**0.021**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
4,4'-DDE	**0.17**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-20 | **Client Sample Name:** SS-9, 10/9/2020 11:11:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-20 | **Client Sample Name:** SS-9, 10/9/2020 11:11:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	69.4	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	62.2	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	67.4	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	69.0	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	86.7	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	53.6	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 08:28	MK1	MS-B2	0.970	B090220	EPA 3550B

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-20 | **Client Sample Name:** SS-9, 10/9/2020 11:11:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.00058	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	66.4	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	61.6	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	65.0	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 15:52	OLH	MS-B7	0.973	B090265	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-20 | **Client Sample Name:** SS-9, 10/9/2020 11:11:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**3100**	**mg/kg**	**10**	**2.2**	**EPA-8015CC**	ND	**A52**	1
Crude Oil - C25 - C40	**26000**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	1
Tetracosane (Surrogate)	74.6	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 02:56	BUP	GC-13	1.003	B090261	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2029700-21 | **Client Sample Name:** SS-10, 10/9/2020 11:21:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**3.5**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	10/21/20 16:50	10/22/20 11:43	JCC	PE-OP3	0.952	B090540	EPA 3050B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-22 | **Client Sample Name:** SS-11, 10/9/2020 11:27:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	**0.010**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
4,4'-DDE	**0.085**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-22 | **Client Sample Name:** SS-11, 10/9/2020 11:27:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-22 | **Client Sample Name:** SS-11, 10/9/2020 11:27:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	70.0	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	62.7	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	65.9	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	66.0	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	88.5	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	51.5	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 08:54	MK1	MS-B2	0.964	B090220	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-22 | **Client Sample Name:** SS-11, 10/9/2020 11:27:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.00058	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	71.0	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	58.9	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	52.6	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 16:15	OLH	MS-B7	0.966	B090265	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-22 | **Client Sample Name:** SS-11, 10/9/2020 11:27:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**4100**	**mg/kg**	**10**	**2.2**	**EPA-8015CC**	ND	**A52**	1
Crude Oil - C25 - C40	**28000**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	1
Tetracosane (Surrogate)	71.2	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 03:18	BUP	GC-13	1.017	B090261	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-24 | **Client Sample Name:** SS-13, 10/9/2020 11:48:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	**0.0084**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
4,4'-DDE	**0.10**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-24 | **Client Sample Name:** SS-13, 10/9/2020 11:48:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-24 | **Client Sample Name:** SS-13, 10/9/2020 11:48:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	74.0	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	68.0	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	68.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	61.2	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	94.3	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	38.9	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 09:19	MK1	MS-B2	0.973	B090220	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-24 | **Client Sample Name:** SS-13, 10/9/2020 11:48:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.00058	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	63.2	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	52.4	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	42.2	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 16:37	OLH	MS-B7	0.980	B090265	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-24 | **Client Sample Name:** SS-13, 10/9/2020 11:48:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**2000**	**mg/kg**	**10**	**2.2**	**EPA-8015CC**	ND	**A52**	1
Crude Oil - C25 - C40	**24000**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	1
Tetracosane (Surrogate)	60.8	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 03:41	BUP	GC-13	1.014	B090261	EPA 3550B

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-26 | **Client Sample Name:** SS-15, 10/9/2020 12:03:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.063**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-26 | **Client Sample Name:** SS-15, 10/9/2020 12:03:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-26 | **Client Sample Name:** SS-15, 10/9/2020 12:03:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	74.7	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	66.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	67.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	51.6	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	84.5	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	39.0	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 09:45	MK1	MS-B2	1.010	B090220	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-26 | **Client Sample Name:** SS-15, 10/9/2020 12:03:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.00058	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	79.4	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	53.0	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	34.8	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 17:00	OLH	MS-B7	1	B090265	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-26 | **Client Sample Name:** SS-15, 10/9/2020 12:03:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		1
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		1
Tetracosane (Surrogate)	83.2	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 04:04	BUP	GC-13	1.010	B090261	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2029700-27 | **Client Sample Name:** SS-16, 10/9/2020 12:11:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**3.0**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	10/21/20 16:50	10/22/20 11:44	JCC	PE-OP3	0.926	B090540	EPA 3050B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-28 | **Client Sample Name:** SS-17, 10/9/2020 12:24:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	**0.0080**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
4,4'-DDE	**0.081**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-28 | **Client Sample Name:** SS-17, 10/9/2020 12:24:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-28 | **Client Sample Name:** SS-17, 10/9/2020 12:24:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	67.7	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	59.5	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	60.5	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	49.1	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	76.5	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	34.3	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 10:10	MK1	MS-B2	0.963	B090220	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-28 | **Client Sample Name:** SS-17, 10/9/2020 12:24:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	**0.00067**	**mg/kg**	**0.0030**	**0.00057**	**EPA-8270C-SIM**	ND	**J**	1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	**0.00078**	**mg/kg**	**0.0030**	**0.00058**	**EPA-8270C-SIM**	ND	**J**	1
Nitrobenzene-d5 (Surrogate)	82.9	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	64.6	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	49.5	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 17:22	OLH	MS-B7	0.956	B090265	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-28 | **Client Sample Name:** SS-17, 10/9/2020 12:24:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**170000000**	**mg/kg**	**10000**	**2200**	**EPA-8015CC**	ND	**A01,A52**	1
Crude Oil - C25 - C40	**15000000**	**mg/kg**	**10000**	**5000**	**EPA-8015CC**	ND	**A01,A55**	1
Tetracosane (Surrogate)	0	%	20 - 145 (LCL - UCL)		EPA-8015CC		A01,A17	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 09:44	BUP	GC-13	996.68	B090261	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-29 | **Client Sample Name:** DUP-2, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	**0.0074**	**mg/kg**	**0.10**	**0.0067**	**EPA-8270C**	ND	**J**	1
4,4'-DDE	**0.087**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-29 | **Client Sample Name:** DUP-2, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-29 | **Client Sample Name:** DUP-2, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	71.7	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	63.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	64.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	58.9	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	92.2	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	42.6	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 10:36	MK1	MS-B2	1.003	B090220	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-29 | **Client Sample Name:** DUP-2, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.00058	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	79.8	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	58.0	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	49.0	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 17:45	OLH	MS-B7	0.993	B090265	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-29 | **Client Sample Name:** DUP-2, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**870000**	**mg/kg**	**100**	**22**	**EPA-8015CC**	ND	**A01,A52**	1
Crude Oil - C25 - C40	**670000**	**mg/kg**	**100**	**50**	**EPA-8015CC**	ND	**A01,A55**	1
Tetracosane (Surrogate)	39.5	%	20 - 145 (LCL - UCL)		EPA-8015CC		A01	2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 06:21	BUP	GC-13	10.135	B090261	EPA 3550B
2	EPA-8015CC	10/16/20 10:30	10/20/20 10:28	BUP	GC-13	10.135	B090261	EPA 3550B

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-31 | **Client Sample Name:** SS-19, 10/9/2020 12:42:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.081**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-31 | **Client Sample Name:** SS-19, 10/9/2020 12:42:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2029700-31 | **Client Sample Name:** SS-19, 10/9/2020 12:42:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	64.9	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	59.7	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	63.5	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	64.8	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	86.3	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	54.9	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	10/16/20 12:30	10/17/20 11:01	MK1	MS-B2	0.947	B090220	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2029700-31 | **Client Sample Name:** SS-19, 10/9/2020 12:42:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.00052	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00053	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00056	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.00073	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00034	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00068	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.00038	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00057	EPA-8270C-SIM	ND		1
Fluoranthene	**0.0011**	**mg/kg**	**0.0030**	**0.00057**	**EPA-8270C-SIM**	ND	**J**	1
Fluorene	ND	mg/kg	0.0030	0.00037	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00055	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00049	EPA-8270C-SIM	ND		1
Phenanthrene	**0.00091**	**mg/kg**	**0.0030**	**0.00049**	**EPA-8270C-SIM**	ND	**J**	1
Pyrene	**0.0011**	**mg/kg**	**0.0030**	**0.00058**	**EPA-8270C-SIM**	ND	**J**	1
Nitrobenzene-d5 (Surrogate)	92.5	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	84.0	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	97.1	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	10/16/20 13:00	10/19/20 18:08	OLH	MS-B7	0.973	B090265	EPA 3550B

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2029700-31 | **Client Sample Name:** SS-19, 10/9/2020 12:42:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	**17**	**mg/kg**	**10**	**2.2**	**EPA-8015CC**	ND	**A52**	1
Crude Oil - C25 - C40	**81000**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	1
Tetracosane (Surrogate)	80.2	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	10/16/20 10:30	10/20/20 06:44	BUP	GC-13	1.014	B090261	EPA 3550B

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2029700-32 | **Client Sample Name:** SS-20, 10/9/2020 12:47:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**3.3**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	10/21/20 16:50	10/22/20 11:46	JCC	PE-OP3	0.935	B090540	EPA 3050B

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2029700-33 | **Client Sample Name:** SS-21, 10/9/2020 10:14:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.019	0.0044	EPA-8082	ND		1
PCB-1221	ND	mg/kg	0.019	0.0063	EPA-8082	ND		1
PCB-1232	ND	mg/kg	0.019	0.0050	EPA-8082	ND		1
PCB-1242	ND	mg/kg	0.019	0.0029	EPA-8082	ND		1
PCB-1248	ND	mg/kg	0.019	0.0040	EPA-8082	ND		1
PCB-1254	ND	mg/kg	0.019	0.0031	EPA-8082	ND		1
PCB-1260	**0.0083**	**mg/kg**	**0.019**	**0.0035**	**EPA-8082**	ND	**J**	1
Total PCB's (Summation)	ND	mg/kg	0.019	0.0096	EPA-8082	ND		1
Decachlorobiphenyl (Surrogate)	108	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	10/16/20 14:00	10/16/20 18:27	HKS	GC-14	1.923	B090251	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2029700-34 | **Client Sample Name:** DUP-3, 10/9/2020 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.019	0.0044	EPA-8082	ND		1
PCB-1221	ND	mg/kg	0.019	0.0063	EPA-8082	ND		1
PCB-1232	ND	mg/kg	0.019	0.0049	EPA-8082	ND		1
PCB-1242	ND	mg/kg	0.019	0.0028	EPA-8082	ND		1
PCB-1248	ND	mg/kg	0.019	0.0040	EPA-8082	ND		1
PCB-1254	ND	mg/kg	0.019	0.0030	EPA-8082	ND		1
PCB-1260	**0.0070**	**mg/kg**	**0.019**	**0.0034**	**EPA-8082**	ND	**J**	1
Total PCB's (Summation)	ND	mg/kg	0.019	0.0095	EPA-8082	ND		1
Decachlorobiphenyl (Surrogate)	115	%	40 - 120 (LCL - UCL)		EPA-8082			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	10/16/20 14:00	10/16/20 18:16	HKS	GC-14	1.899	B090251	EPA 3550B

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B090258						
Aldrin	B090258-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	B090258-BLK1	ND	mg/kg	0.00050	0.000038	
beta-BHC	B090258-BLK1	ND	mg/kg	0.00050	0.000048	
delta-BHC	B090258-BLK1	ND	mg/kg	0.00050	0.000037	
gamma-BHC (Lindane)	B090258-BLK1	ND	mg/kg	0.00050	0.000018	
Chlordane (Technical)	B090258-BLK1	ND	mg/kg	0.050	0.0010	
4,4'-DDD	B090258-BLK1	ND	mg/kg	0.00050	0.000064	
4,4'-DDE	B090258-BLK1	ND	mg/kg	0.00050	0.000095	
4,4'-DDT	B090258-BLK1	ND	mg/kg	0.00050	0.000040	
Dieldrin	B090258-BLK1	ND	mg/kg	0.00050	0.000036	
Endosulfan I	B090258-BLK1	ND	mg/kg	0.00050	0.000020	
Endosulfan II	B090258-BLK1	ND	mg/kg	0.00050	0.000034	
Endosulfan sulfate	B090258-BLK1	ND	mg/kg	0.00050	0.000026	
Endrin	B090258-BLK1	ND	mg/kg	0.00050	0.000065	
Endrin aldehyde	B090258-BLK1	ND	mg/kg	0.00050	0.000018	
Heptachlor	B090258-BLK1	ND	mg/kg	0.00050	0.000086	
Heptachlor epoxide	B090258-BLK1	ND	mg/kg	0.00050	0.000017	
Methoxychlor	B090258-BLK1	ND	mg/kg	0.00050	0.000094	
Toxaphene	B090258-BLK1	ND	mg/kg	0.050	0.0014	
TCMX (Surrogate)	**B090258-BLK1**	**89.8**	%	**20 - 130 (LCL - UCL)**		
Decachlorobiphenyl (Surrogate)	**B090258-BLK1**	**100**	%	**40 - 130 (LCL - UCL)**		

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B090258										
Aldrin	B090258-BS1	LCS	0.0048037	0.0049834	mg/kg	96.4		70 - 130		
gamma-BHC (Lindane)	B090258-BS1	LCS	0.0046083	0.0049834	mg/kg	92.5		60 - 140		
4,4'-DDT	B090258-BS1	LCS	0.0051136	0.0049834	mg/kg	103		60 - 140		
Dieldrin	B090258-BS1	LCS	0.0048561	0.0049834	mg/kg	97.4		70 - 130		
Endrin	B090258-BS1	LCS	0.0050435	0.0049834	mg/kg	101		60 - 140		
Heptachlor	B090258-BS1	LCS	0.0047070	0.0049834	mg/kg	94.5		60 - 140		
TCMX (Surrogate)	B090258-BS1	LCS	0.0090007	0.0099668	mg/kg	90.3		20 - 130		
Decachlorobiphenyl (Surrogate)	B090258-BS1	LCS	0.019474	0.019934	mg/kg	97.7		40 - 130		

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B090258	Used client sample: N										
Aldrin	MS	2029625-01	ND	0.0048588	0.0050676	mg/kg		95.9		50 - 140	
	MSD	2029625-01	ND	0.0052505	0.0050505	mg/kg	7.7	104	30	50 - 140	
gamma-BHC (Lindane)	MS	2029625-01	ND	0.0045902	0.0050676	mg/kg		90.6		50 - 140	
	MSD	2029625-01	ND	0.0045646	0.0050505	mg/kg	0.6	90.4	30	50 - 140	
4,4'-DDT	MS	2029625-01	ND	0.0044814	0.0050676	mg/kg		88.4		50 - 140	
	MSD	2029625-01	ND	0.0048657	0.0050505	mg/kg	8.2	96.3	30	50 - 140	
Dieldrin	MS	2029625-01	ND	0.0044760	0.0050676	mg/kg		88.3		40 - 140	
	MSD	2029625-01	ND	0.0043815	0.0050505	mg/kg	2.1	86.8	30	40 - 140	
Endrin	MS	2029625-01	ND	0.0051797	0.0050676	mg/kg		102		50 - 150	
	MSD	2029625-01	ND	0.0047407	0.0050505	mg/kg	8.9	93.9	30	50 - 150	
Heptachlor	MS	2029625-01	ND	0.0046470	0.0050676	mg/kg		91.7		60 - 140	
	MSD	2029625-01	ND	0.0046721	0.0050505	mg/kg	0.5	92.5	30	60 - 140	
TCMX (Surrogate)	MS	2029625-01	ND	0.0088703	0.010135	mg/kg		87.5		20 - 130	
	MSD	2029625-01	ND	0.0088215	0.010101	mg/kg	0.6	87.3		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	2029625-01	ND	0.017557	0.020270	mg/kg		86.6		40 - 130	
	MSD	2029625-01	ND	0.017302	0.020202	mg/kg	1.5	85.6		40 - 130	

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B090251						
PCB-1016	B090251-BLK1	ND	mg/kg	0.010	0.0023	
PCB-1221	B090251-BLK1	ND	mg/kg	0.010	0.0033	
PCB-1232	B090251-BLK1	ND	mg/kg	0.010	0.0026	
PCB-1242	B090251-BLK1	ND	mg/kg	0.010	0.0015	
PCB-1248	B090251-BLK1	ND	mg/kg	0.010	0.0021	
PCB-1254	B090251-BLK1	ND	mg/kg	0.010	0.0016	
PCB-1260	B090251-BLK1	ND	mg/kg	0.010	0.0018	
Total PCB's (Summation)	B090251-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	**B090251-BLK1**	**93.3**	%	**40 - 120 (LCL - UCL)**		

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B090251										
PCB-1016	B090251-BS1	LCS	0.087119	0.084746	mg/kg	103		60 - 120		
PCB-1260	B090251-BS1	LCS	0.083390	0.084746	mg/kg	98.4		60 - 120		
Decachlorobiphenyl (Surrogate)	B090251-BS1	LCS	0.019322	0.020339	mg/kg	95.0		40 - 120		

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B090251	Used client sample: N										
PCB-1016	MS	2029625-01	ND	0.081081	0.084459	mg/kg		96.0		60 - 120	
	MSD	2029625-01	ND	0.084407	0.084746	mg/kg	4.0	99.6	30	60 - 120	
PCB-1260	MS	2029625-01	ND	0.075676	0.084459	mg/kg		89.6		60 - 120	
	MSD	2029625-01	ND	0.079661	0.084746	mg/kg	5.1	94.0	30	60 - 120	
Decachlorobiphenyl (Surrogate)	MS	2029625-01	ND	0.018243	0.020270	mg/kg		90.0		40 - 120	
	MSD	2029625-01	ND	0.020000	0.020339	mg/kg	9.2	98.3		40 - 120	

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B090220						
Acenaphthene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Acenaphthylene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Aldrin	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Aniline	B090220-BLK1	ND	mg/kg	0.20	0.011	
Anthracene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Benzidine	B090220-BLK1	ND	mg/kg	3.0	0.0093	
Benzo[a]anthracene	B090220-BLK1	ND	mg/kg	0.10	0.0077	
Benzo[b]fluoranthene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Benzo[k]fluoranthene	B090220-BLK1	ND	mg/kg	0.10	0.0082	
Benzo[a]pyrene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Benzo[g,h,i]perylene	B090220-BLK1	ND	mg/kg	0.10	0.013	
Benzoic acid	B090220-BLK1	ND	mg/kg	0.50	0.014	
Benzyl alcohol	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Benzyl butyl phthalate	B090220-BLK1	ND	mg/kg	0.10	0.0067	
alpha-BHC	B090220-BLK1	ND	mg/kg	0.10	0.0067	
beta-BHC	B090220-BLK1	ND	mg/kg	0.10	0.0075	
delta-BHC	B090220-BLK1	ND	mg/kg	0.10	0.0067	
gamma-BHC (Lindane)	B090220-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Chloroethoxy)methane	B090220-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Chloroethyl) ether	B090220-BLK1	ND	mg/kg	0.10	0.0097	
bis(2-Chloroisopropyl)ether	B090220-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Ethylhexyl)phthalate	B090220-BLK1	ND	mg/kg	0.20	0.0067	
4-Bromophenyl phenyl ether	B090220-BLK1	ND	mg/kg	0.10	0.0067	
4-Chloroaniline	B090220-BLK1	ND	mg/kg	0.10	0.015	
2-Chloronaphthalene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
4-Chlorophenyl phenyl ether	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Chrysene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
4,4'-DDD	B090220-BLK1	ND	mg/kg	0.10	0.0067	
4,4'-DDE	B090220-BLK1	ND	mg/kg	0.10	0.0068	
4,4'-DDT	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Dibenzo[a,h]anthracene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Dibenzofuran	B090220-BLK1	ND	mg/kg	0.10	0.0067	
1,2-Dichlorobenzene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
1,3-Dichlorobenzene	B090220-BLK1	ND	mg/kg	0.10	0.0067	

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B090220						
1,4-Dichlorobenzene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
3,3-Dichlorobenzidine	B090220-BLK1	ND	mg/kg	0.20	0.0067	
Dieldrin	B090220-BLK1	ND	mg/kg	0.10	0.0077	
Diethyl phthalate	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Dimethyl phthalate	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Di-n-butyl phthalate	B090220-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dinitrotoluene	B090220-BLK1	ND	mg/kg	0.10	0.0085	
2,6-Dinitrotoluene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Di-n-octyl phthalate	B090220-BLK1	ND	mg/kg	0.10	0.0067	
1,2-Diphenylhydrazine	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Endosulfan I	B090220-BLK1	ND	mg/kg	0.20	0.0088	
Endosulfan II	B090220-BLK1	ND	mg/kg	0.20	0.0088	
Endosulfan sulfate	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Endrin	B090220-BLK1	ND	mg/kg	0.20	0.0086	
Endrin aldehyde	B090220-BLK1	ND	mg/kg	0.50	0.0070	
Fluoranthene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Fluorene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Heptachlor	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Heptachlor epoxide	B090220-BLK1	ND	mg/kg	0.10	0.013	
Hexachlorobenzene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Hexachlorobutadiene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Hexachlorocyclopentadiene	B090220-BLK1	ND	mg/kg	0.10	0.015	
Hexachloroethane	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Indeno[1,2,3-cd]pyrene	B090220-BLK1	ND	mg/kg	0.10	0.0069	
Isophorone	B090220-BLK1	ND	mg/kg	0.10	0.0067	
2-Methylnaphthalene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Naphthalene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
2-Naphthylamine	B090220-BLK1	ND	mg/kg	3.0	0.036	
2-Nitroaniline	B090220-BLK1	ND	mg/kg	0.10	0.0067	
3-Nitroaniline	B090220-BLK1	ND	mg/kg	0.20	0.0067	
4-Nitroaniline	B090220-BLK1	ND	mg/kg	0.20	0.011	
Nitrobenzene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
N-Nitrosodimethylamine	B090220-BLK1	ND	mg/kg	0.10	0.040	
N-Nitrosodi-N-propylamine	B090220-BLK1	ND	mg/kg	0.10	0.0067	

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B090220						
N-Nitrosodiphenylamine	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Phenanthrene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
Pyrene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
1,2,4-Trichlorobenzene	B090220-BLK1	ND	mg/kg	0.10	0.0067	
4-Chloro-3-methylphenol	B090220-BLK1	ND	mg/kg	0.20	0.0067	
2-Chlorophenol	B090220-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dichlorophenol	B090220-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dimethylphenol	B090220-BLK1	ND	mg/kg	0.10	0.0067	
4,6-Dinitro-2-methylphenol	B090220-BLK1	ND	mg/kg	0.50	0.0067	
2,4-Dinitrophenol	B090220-BLK1	ND	mg/kg	0.50	0.0067	
2-Methylphenol	B090220-BLK1	ND	mg/kg	0.10	0.0067	
3- & 4-Methylphenol	B090220-BLK1	ND	mg/kg	0.20	0.014	
2-Nitrophenol	B090220-BLK1	ND	mg/kg	0.10	0.0067	
4-Nitrophenol	B090220-BLK1	ND	mg/kg	0.20	0.018	
Pentachlorophenol	B090220-BLK1	ND	mg/kg	0.20	0.017	
Phenol	B090220-BLK1	ND	mg/kg	0.10	0.0067	
2,4,5-Trichlorophenol	B090220-BLK1	ND	mg/kg	0.20	0.011	
2,4,6-Trichlorophenol	B090220-BLK1	ND	mg/kg	0.20	0.0067	
2-Fluorophenol (Surrogate)	**B090220-BLK1**	**66.8**	%	**20 - 130 (LCL - UCL)**		
Phenol-d5 (Surrogate)	**B090220-BLK1**	**73.0**	%	**30 - 130 (LCL - UCL)**		
Nitrobenzene-d5 (Surrogate)	**B090220-BLK1**	**72.9**	%	**30 - 130 (LCL - UCL)**		
2-Fluorobiphenyl (Surrogate)	**B090220-BLK1**	**73.7**	%	**30 - 140 (LCL - UCL)**		
2,4,6-Tribromophenol (Surrogate)	**B090220-BLK1**	**111**	%	**20 - 150 (LCL - UCL)**		
p-Terphenyl-d14 (Surrogate)	**B090220-BLK1**	**83.2**	%	**30 - 150 (LCL - UCL)**		

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B090220										
Acenaphthene	B090220-BS1	LCS	1.3552	1.6722	mg/kg	81.0		50 - 130		
1,4-Dichlorobenzene	B090220-BS1	LCS	1.3995	1.6722	mg/kg	83.7		50 - 130		
2,4-Dinitrotoluene	B090220-BS1	LCS	1.6413	1.6722	mg/kg	98.2		50 - 130		
Hexachlorobenzene	B090220-BS1	LCS	1.3780	1.6722	mg/kg	82.4		40 - 130		
Hexachlorobutadiene	B090220-BS1	LCS	1.2092	1.6722	mg/kg	72.3		50 - 130		
Hexachloroethane	B090220-BS1	LCS	1.4939	1.6722	mg/kg	89.3		50 - 130		
Nitrobenzene	B090220-BS1	LCS	1.5720	1.6722	mg/kg	94.0		50 - 130		
N-Nitrosodi-N-propylamine	B090220-BS1	LCS	1.3889	1.6722	mg/kg	83.1		40 - 120		
Pyrene	B090220-BS1	LCS	1.3960	1.6722	mg/kg	83.5		40 - 150		
1,2,4-Trichlorobenzene	B090220-BS1	LCS	1.4917	1.6722	mg/kg	89.2		50 - 120		
4-Chloro-3-methylphenol	B090220-BS1	LCS	1.4660	1.6722	mg/kg	87.7		50 - 130		
2-Chlorophenol	B090220-BS1	LCS	1.1305	1.6722	mg/kg	67.6		50 - 130		
2-Methylphenol	B090220-BS1	LCS	1.3694	1.6722	mg/kg	81.9		50 - 130		
3- & 4-Methylphenol	B090220-BS1	LCS	2.6424	3.3445	mg/kg	79.0		50 - 130		
4-Nitrophenol	B090220-BS1	LCS	1.1709	1.6722	mg/kg	70.0		30 - 130		
Pentachlorophenol	B090220-BS1	LCS	0.85662	1.6722	mg/kg	51.2		20 - 130		
Phenol	B090220-BS1	LCS	1.2397	1.6722	mg/kg	74.1		40 - 120		
2,4,6-Trichlorophenol	B090220-BS1	LCS	1.3007	1.6722	mg/kg	77.8		50 - 130		
2-Fluorophenol (Surrogate)	B090220-BS1	LCS	0.88615	1.3378	mg/kg	66.2		20 - 130		
Phenol-d5 (Surrogate)	B090220-BS1	LCS	1.0053	1.3378	mg/kg	75.1		30 - 130		
Nitrobenzene-d5 (Surrogate)	B090220-BS1	LCS	1.0489	1.3378	mg/kg	78.4		30 - 130		
2-Fluorobiphenyl (Surrogate)	B090220-BS1	LCS	1.0130	1.3378	mg/kg	75.7		30 - 140		
2,4,6-Tribromophenol (Surrogate)	B090220-BS1	LCS	1.5058	1.3378	mg/kg	113		20 - 150		
p-Terphenyl-d14 (Surrogate)	B090220-BS1	LCS	0.61517	0.66890	mg/kg	92.0		30 - 150		

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B090220	Used client sample: Y - Description: SS-3, 10/09/2020 09:43										
Acenaphthene	MS	2029700-13	ND	1.4866	1.6892	mg/kg		88.0		30 - 140	
	MSD	2029700-13	ND	1.3989	1.6949	mg/kg	6.1	82.5	30	30 - 140	
1,4-Dichlorobenzene	MS	2029700-13	ND	1.5633	1.6892	mg/kg		92.5		50 - 130	
	MSD	2029700-13	ND	1.4614	1.6949	mg/kg	6.7	86.2	30	50 - 130	
2,4-Dinitrotoluene	MS	2029700-13	ND	1.7700	1.6892	mg/kg		105		50 - 130	
	MSD	2029700-13	ND	1.6620	1.6949	mg/kg	6.3	98.1	30	50 - 130	
Hexachlorobenzene	MS	2029700-13	ND	1.5020	1.6892	mg/kg		88.9		50 - 130	
	MSD	2029700-13	ND	1.4218	1.6949	mg/kg	5.5	83.9	30	50 - 130	
Hexachlorobutadiene	MS	2029700-13	ND	1.3278	1.6892	mg/kg		78.6		50 - 130	
	MSD	2029700-13	ND	1.2551	1.6949	mg/kg	5.6	74.0	30	50 - 130	
Hexachloroethane	MS	2029700-13	ND	1.6394	1.6892	mg/kg		97.1		50 - 130	
	MSD	2029700-13	ND	1.5248	1.6949	mg/kg	7.2	90.0	30	50 - 130	
Nitrobenzene	MS	2029700-13	ND	1.7084	1.6892	mg/kg		101		30 - 120	
	MSD	2029700-13	ND	1.6128	1.6949	mg/kg	5.8	95.2	30	30 - 120	
N-Nitrosodi-N-propylamine	MS	2029700-13	ND	1.5261	1.6892	mg/kg		90.3		20 - 130	
	MSD	2029700-13	ND	1.4421	1.6949	mg/kg	5.7	85.1	30	20 - 130	
Pyrene	MS	2029700-13	ND	1.4603	1.6892	mg/kg		86.4		40 - 140	
	MSD	2029700-13	ND	1.4218	1.6949	mg/kg	2.7	83.9	30	40 - 140	
1,2,4-Trichlorobenzene	MS	2029700-13	ND	1.6253	1.6892	mg/kg		96.2		50 - 130	
	MSD	2029700-13	ND	1.5408	1.6949	mg/kg	5.3	90.9	30	50 - 130	
4-Chloro-3-methylphenol	MS	2029700-13	ND	1.6314	1.6892	mg/kg		96.6		50 - 130	
	MSD	2029700-13	ND	1.5428	1.6949	mg/kg	5.6	91.0	30	50 - 130	
2-Chlorophenol	MS	2029700-13	ND	1.3040	1.6892	mg/kg		77.2		50 - 130	
	MSD	2029700-13	ND	1.2112	1.6949	mg/kg	7.4	71.5	30	50 - 130	
2-Methylphenol	MS	2029700-13	ND	1.5489	1.6892	mg/kg		91.7		50 - 130	
	MSD	2029700-13	ND	1.4016	1.6949	mg/kg	10.0	82.7	30	50 - 130	
3- & 4-Methylphenol	MS	2029700-13	ND	2.9803	3.3784	mg/kg		88.2		50 - 130	
	MSD	2029700-13	ND	2.7536	3.3898	mg/kg	7.9	81.2	30	50 - 130	
4-Nitrophenol	MS	2029700-13	ND	1.6144	1.6892	mg/kg		95.6		30 - 140	
	MSD	2029700-13	ND	1.3982	1.6949	mg/kg	14.3	82.5	30	30 - 140	
Pentachlorophenol	MS	2029700-13	ND	1.2411	1.6892	mg/kg		73.5		30 - 130	
	MSD	2029700-13	ND	1.1807	1.6949	mg/kg	5.0	69.7	30	30 - 130	
Phenol	MS	2029700-13	ND	1.4022	1.6892	mg/kg		83.0		40 - 150	
	MSD	2029700-13	ND	1.3202	1.6949	mg/kg	6.0	77.9	30	40 - 150	
2,4,6-Trichlorophenol	MS	2029700-13	ND	1.5714	1.6892	mg/kg		93.0		50 - 130	
	MSD	2029700-13	ND	1.4727	1.6949	mg/kg	6.5	86.9	30	50 - 130	

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B090220	Used client sample: Y - Description: SS-3, 10/09/2020 09:43										
2-Fluorophenol (Surrogate)	MS	2029700-13	ND	1.0376	1.3514	mg/kg		76.8		20 - 130	
	MSD	2029700-13	ND	0.93814	1.3559	mg/kg	10.1	69.2		20 - 130	
Phenol-d5 (Surrogate)	MS	2029700-13	ND	1.1580	1.3514	mg/kg		85.7		30 - 130	
	MSD	2029700-13	ND	1.0853	1.3559	mg/kg	6.5	80.0		30 - 130	
Nitrobenzene-d5 (Surrogate)	MS	2029700-13	ND	1.1814	1.3514	mg/kg		87.4		30 - 130	
	MSD	2029700-13	ND	1.1076	1.3559	mg/kg	6.5	81.7		30 - 130	
2-Fluorobiphenyl (Surrogate)	MS	2029700-13	ND	1.1406	1.3514	mg/kg		84.4		30 - 140	
	MSD	2029700-13	ND	1.0587	1.3559	mg/kg	7.4	78.1		30 - 140	
2,4,6-Tribromophenol (Surrogate)	MS	2029700-13	ND	1.8406	1.3514	mg/kg		136		20 - 150	
	MSD	2029700-13	ND	1.7182	1.3559	mg/kg	6.9	127		20 - 150	
p-Terphenyl-d14 (Surrogate)	MS	2029700-13	ND	0.65826	0.67568	mg/kg		97.4		30 - 150	
	MSD	2029700-13	ND	0.63517	0.67797	mg/kg	3.6	93.7		30 - 150	

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B090265						
Acenaphthene	B090265-BLK1	ND	mg/kg	0.0030	0.00052	
Acenaphthylene	B090265-BLK1	ND	mg/kg	0.0030	0.00047	
Anthracene	B090265-BLK1	ND	mg/kg	0.0030	0.00073	
Benzo[a]anthracene	B090265-BLK1	ND	mg/kg	0.0030	0.00053	
Benzo[b]fluoranthene	B090265-BLK1	ND	mg/kg	0.0030	0.00056	
Benzo[k]fluoranthene	B090265-BLK1	ND	mg/kg	0.0030	0.00073	
Benzo[a]pyrene	B090265-BLK1	ND	mg/kg	0.0030	0.00034	
Benzo[g,h,i]perylene	B090265-BLK1	ND	mg/kg	0.0030	0.00068	
Chrysene	B090265-BLK1	ND	mg/kg	0.0030	0.00038	
Dibenzo[a,h]anthracene	B090265-BLK1	ND	mg/kg	0.0030	0.00057	
Fluoranthene	B090265-BLK1	ND	mg/kg	0.0030	0.00057	
Fluorene	B090265-BLK1	ND	mg/kg	0.0030	0.00037	
Indeno[1,2,3-cd]pyrene	B090265-BLK1	ND	mg/kg	0.0030	0.00055	
Naphthalene	B090265-BLK1	ND	mg/kg	0.0030	0.00049	
Phenanthrene	B090265-BLK1	ND	mg/kg	0.0030	0.00049	
Pyrene	B090265-BLK1	ND	mg/kg	0.0030	0.00058	
Nitrobenzene-d5 (Surrogate)	**B090265-BLK1**	**91.5**	%	**30 - 130 (LCL - UCL)**		
2-Fluorobiphenyl (Surrogate)	**B090265-BLK1**	**79.7**	%	**40 - 130 (LCL - UCL)**		
p-Terphenyl-d14 (Surrogate)	**B090265-BLK1**	**95.6**	%	**30 - 130 (LCL - UCL)**		

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B090265										
Acenaphthene	B090265-BS1	LCS	0.023199	0.033223	mg/kg	69.8		60 - 130		
Acenaphthylene	B090265-BS1	LCS	0.025760	0.033223	mg/kg	77.5		60 - 130		
Anthracene	B090265-BS1	LCS	0.024652	0.033223	mg/kg	74.2		60 - 130		
Benzo[a]anthracene	B090265-BS1	LCS	0.026402	0.033223	mg/kg	79.5		60 - 130		
Benzo[b]fluoranthene	B090265-BS1	LCS	0.027335	0.033223	mg/kg	82.3		50 - 130		
Benzo[k]fluoranthene	B090265-BS1	LCS	0.024784	0.033223	mg/kg	74.6		60 - 130		
Benzo[a]pyrene	B090265-BS1	LCS	0.025067	0.033223	mg/kg	75.5		60 - 130		
Benzo[g,h,i]perylene	B090265-BS1	LCS	0.021377	0.033223	mg/kg	64.3		50 - 130		
Chrysene	B090265-BS1	LCS	0.025024	0.033223	mg/kg	75.3		50 - 130		
Dibenzo[a,h]anthracene	B090265-BS1	LCS	0.021042	0.033223	mg/kg	63.3		50 - 130		
Fluoranthene	B090265-BS1	LCS	0.025217	0.033223	mg/kg	75.9		60 - 130		
Fluorene	B090265-BS1	LCS	0.025452	0.033223	mg/kg	76.6		50 - 130		
Indeno[1,2,3-cd]pyrene	B090265-BS1	LCS	0.020799	0.033223	mg/kg	62.6		50 - 130		
Naphthalene	B090265-BS1	LCS	0.022918	0.033223	mg/kg	69.0		50 - 130		
Phenanthrene	B090265-BS1	LCS	0.023227	0.033223	mg/kg	69.9		50 - 130		
Pyrene	B090265-BS1	LCS	0.028009	0.033223	mg/kg	84.3		50 - 130		
Nitrobenzene-d5 (Surrogate)	B090265-BS1	LCS	0.10020	0.13289	mg/kg	75.4		30 - 130		
2-Fluorobiphenyl (Surrogate)	B090265-BS1	LCS	0.093752	0.13289	mg/kg	70.5		40 - 130		
p-Terphenyl-d14 (Surrogate)	B090265-BS1	LCS	0.10764	0.13289	mg/kg	81.0		30 - 130		

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B090265	Used client sample: Y - Description: SS-1, 10/09/2020 10:02										
Acenaphthene	MS	2029700-11	ND	0.021330	0.033898	mg/kg		62.9		50 - 130	
	MSD	2029700-11	ND	0.019143	0.033898	mg/kg	10.8	56.5	30	50 - 130	
Acenaphthylene	MS	2029700-11	ND	0.021318	0.033898	mg/kg		62.9		50 - 130	
	MSD	2029700-11	ND	0.019458	0.033898	mg/kg	9.1	57.4	30	50 - 130	
Anthracene	MS	2029700-11	ND	0.023002	0.033898	mg/kg		67.9		50 - 130	
	MSD	2029700-11	ND	0.020850	0.033898	mg/kg	9.8	61.5	30	50 - 130	
Benzo[a]anthracene	MS	2029700-11	ND	0.024774	0.033898	mg/kg		73.1		50 - 130	
	MSD	2029700-11	ND	0.021840	0.033898	mg/kg	12.6	64.4	30	50 - 130	
Benzo[b]fluoranthene	MS	2029700-11	ND	0.025419	0.033898	mg/kg		75.0		40 - 130	
	MSD	2029700-11	ND	0.022489	0.033898	mg/kg	12.2	66.3	30	40 - 130	
Benzo[k]fluoranthene	MS	2029700-11	ND	0.022565	0.033898	mg/kg		66.6		40 - 130	
	MSD	2029700-11	ND	0.019513	0.033898	mg/kg	14.5	57.6	30	40 - 130	
Benzo[a]pyrene	MS	2029700-11	ND	0.023828	0.033898	mg/kg		70.3		40 - 130	
	MSD	2029700-11	ND	0.020925	0.033898	mg/kg	13.0	61.7	30	40 - 130	
Benzo[g,h,i]perylene	MS	2029700-11	ND	0.018756	0.033898	mg/kg		55.3		40 - 130	
	MSD	2029700-11	ND	0.016565	0.033898	mg/kg	12.4	48.9	30	40 - 130	
Chrysene	MS	2029700-11	ND	0.022640	0.033898	mg/kg		66.8		40 - 130	
	MSD	2029700-11	ND	0.020075	0.033898	mg/kg	12.0	59.2	30	40 - 130	
Dibenzo[a,h]anthracene	MS	2029700-11	ND	0.021124	0.033898	mg/kg		62.3		40 - 130	
	MSD	2029700-11	ND	0.019234	0.033898	mg/kg	9.4	56.7	30	40 - 130	
Fluoranthene	MS	2029700-11	0.00068353	0.024565	0.033898	mg/kg		70.4		40 - 130	
	MSD	2029700-11	0.00068353	0.021743	0.033898	mg/kg	12.2	62.1	30	40 - 130	
Fluorene	MS	2029700-11	ND	0.023651	0.033898	mg/kg		69.8		40 - 130	
	MSD	2029700-11	ND	0.021198	0.033898	mg/kg	10.9	62.5	30	40 - 130	
Indeno[1,2,3-cd]pyrene	MS	2029700-11	ND	0.019852	0.033898	mg/kg		58.6		30 - 130	
	MSD	2029700-11	ND	0.017736	0.033898	mg/kg	11.3	52.3	30	30 - 130	
Naphthalene	MS	2029700-11	ND	0.021224	0.033898	mg/kg		62.6		50 - 130	
	MSD	2029700-11	ND	0.019092	0.033898	mg/kg	10.6	56.3	30	50 - 130	
Phenanthrene	MS	2029700-11	ND	0.021711	0.033898	mg/kg		64.0		40 - 130	
	MSD	2029700-11	ND	0.019393	0.033898	mg/kg	11.3	57.2	30	40 - 130	
Pyrene	MS	2029700-11	0.00071424	0.024134	0.033898	mg/kg		69.1		40 - 130	
	MSD	2029700-11	0.00071424	0.021725	0.033898	mg/kg	10.5	62.0	30	40 - 130	
Nitrobenzene-d5 (Surrogate)	MS	2029700-11	ND	0.099695	0.13559	mg/kg		73.5		30 - 130	
	MSD	2029700-11	ND	0.094641	0.13559	mg/kg	5.2	69.8		30 - 130	
2-Fluorobiphenyl (Surrogate)	MS	2029700-11	ND	0.086417	0.13559	mg/kg		63.7		40 - 130	
	MSD	2029700-11	ND	0.082470	0.13559	mg/kg	4.7	60.8		40 - 130	

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B090265	Used client sample: Y - Description: SS-1, 10/09/2020 10:02										
p-Terphenyl-d14 (Surrogate)	MS	2029700-11	ND	0.092038	0.13559	mg/kg		67.9		30 - 130	
	MSD	2029700-11	ND	0.087853	0.13559	mg/kg	4.7	64.8		30 - 130	

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B090261						
Diesel - C10 - C25	B090261-BLK1	ND	mg/kg	10	2.2	
Crude Oil - C25 - C40	B090261-BLK1	ND	mg/kg	10	5.0	
Tetracosane (Surrogate)	**B090261-BLK1**	**88.5**	%	**20 - 145 (LCL - UCL)**		

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B090261										
Tetracosane (Surrogate)	B090261-BS1	LCS	3.4054	3.3003	mg/kg	103		20 - 145		

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B090261	Used client sample: Y - Description: SS-5, 10/09/2020 10:36										
Tetracosane (Surrogate)	MS	2029700-15	ND	3.2356	3.3557	mg/kg		96.4		20 - 145	
	MSD	2029700-15	ND	2.9247	3.3898	mg/kg	10.1	86.3		20 - 145	

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B090540						
Arsenic	B090540-BLK1	ND	mg/kg	1.0	0.40	

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Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B090540										
Arsenic	B090540-BS1	LCS	19.862	20.000	mg/kg	99.3		75 - 125		

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Tetra Tech, Inc.- Santa Barbara
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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B090540	Used client sample: N										
Arsenic	DUP	2029724-23	19.344	19.217		mg/kg	0.7		20		
	MS	2029724-23	19.344	36.215	20.000	mg/kg		84.4		75 - 125	
	MSD	2029724-23	19.344	36.297	20.000	mg/kg	0.2	84.8	20	75 - 125	

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Santa Barbara, CA 93111

Reported: 10/23/2020 15:00
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A01	Detection and quantitation limits are raised due to sample dilution.
A17	Surrogate not reportable due to sample dilution.
A52	Chromatogram not typical of diesel.
A55	Chromatogram not typical of crude oil.

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Job No. T41141

Phase II Environmental Site Assessment Addendum
Ten Acre Portion of APN 144-0-110-225 on North Rose Avenue
Oxnard, California 93036

Prepared for:

Rio School District
1800 Solar Drive
Oxnard, California 93030

Prepared by:

Tetra Tech
5383 Hollister Avenue, Suite 130
Santa Barbara, California 93111

September 29, 2021

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1.0 INTRODUCTION

1.1 BACKGROUND

This report presents the findings of a Phase II Environmental Site Assessment (ESA) Addendum prepared by Tetra Tech for the Rio School District (RSD) to evaluate Ten-Acre Portion of Assessor's Parcel No. (APN) 144-0-110-225 in the Oxnard planning area of Ventura County, California (hereinafter referred to as the Site). Sage Realty (Sage) is coordinating this project for RSD. The Site location is shown on Figure 1. This Phase II ESA Addendum was performed for RSD as part of the due diligence efforts required to support the purchase of this property by the RSD.

The Site was recently acquired by the RSD from KMS Industries, Inc. The Site is leased by Reiter Affiliated Companies for berry production and is currently used for the production of berries. Information provided by the RSD and Ventura County Assessor's office indicates that the Site is a 10-acre portion of APN 144-0-110-225, a 92.53-acre lot. The Site is bounded by North Rose Avenue on the northwest, land developed in berry cultivation on APN 144-0-110-225 on the northeast and southeast, and the RSD's Rio del Valle Middle School on the southwest (Figure 2).

Tetra Tech completed a Phase II ESA (Tetra Tech 2020b) for the Site to assess three recognized environmental concerns (RECs) identified in the Phase I ESA completed in September 2020 (Tetra Tech 2020a). Based on review of the Phase II ESA surface soil sample results, the Site appears to have been slightly impacted by organochlorine pesticides (OCPs) (specifically dieldrin) and significantly impacted by diesel range total petroleum hydrocarbons (TPHd), and crude oil range total petroleum hydrocarbons (TPHc) from past agricultural production activities. The surface soil sample results for arsenic, other fuel oil related compounds, and polychlorinated biphenyls (PCBs) did not show concentrations above relevant screening levels. The surface soils of the MOT facility (the Site) is significantly impacted by TPHd, and TPHc, and slightly impacted by OCPs (specifically dieldrin).

The Phase II ESA Addendum was completed to gather additional data to define the vertical and lateral extent of OCP and TPHd and TPHc impacted soil at the Site identified in Phase II ESA and a perform human health risk screening evaluation of the Site. The Phase II ESA Addendum was performed as part of the due diligence efforts required to support development of the Site by the RSD. It is our understanding that the RSD proposes to continue utilizing the site for agricultural production until future plans are determined. No utility expansion is proposed.

1.2 DESIGNATED CONTACT PERSONS

The primary designated contact persons for Tetra Tech are Messrs. James (Jim) Steele and Randy Westhaus. Jim Steele is the Project Manager and Randy Westhaus is Tetra Tech's California Schools Director. Their contact information is:

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Email: randy.westhaus@tetratech.com

The designated contact person for the RSD is Mr. Wael Saleh. Mr. Saleh is the Assistant Superintendent/Chief Business Official for the RSD. The contact information for Mr. Saleh is:

Mr. Wael Saleh, C.P.A., M.B.A.
Assistant Superintendent/Chief Business Official
Rio School District
1800 Solar Drive
Phone: 485-6302, Ext. 2130
Oxnard, California 93030
wsaleh@rioschools.org

2.0 SITE DESCRIPTION

2.1 SITE LOCATION/DESCRIPTION

The Site is located on a 10-acre parallelogram-shaped portion of APN 144-0-110-225, a 92.53-acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). The geographic coordinates of the Site are approximately Latitude 34° 14' 2.39" North, Longitude 119° 9' 10.61" West (Google Earth 2019). Surface elevations at the Site are approximately 90 feet above mean sea level (amsl) (United States Geological Survey [USGS] 2018).

At the time of the December 4, 2020 field sampling event, the Site comprised an approximate 10-acre area of the 92.53-acre parcel owned by KMS Industries, Inc. and was leased by Reiter Affiliated Companies for raspberry production. Most of the Site was planted in organic raspberries under shade structures.

2.2 SITE VICINITY CHARACTERISTICS

The Site is located in an area developed primarily for residential and agricultural land use situated in the El Rio/Del Norte General Plan Area of Ventura County (Ventura County 2011). (Figures 1 and 2). The Ventura County zoning for Site and adjacent areas is shown on Figure 2 (Ventura County 2019; Ventura County Resource Management Agency Planning Division 2020). The Site and areas adjacent to the Site on the northeast and southeast are developed for agricultural production and the area on North Rose Avenue northwest of the Site are zoned AE-40 ac/MRP (Agricultural Exclusive minimum 40-acre lot/Mineral Resources Protection). The lot adjacent to the southwest of the Site occupied by the RSD's Rio del Valle Middle School is zoned RE-20,000 square ft (Rural Exclusive 20,000-square foot minimum lot). The area adjacent to the south corner of the Site on North Rose Avenue is zoned RE-20 ac (Rural Exclusive 20-acre minimum lot). The areas across North Rose Avenue from the Site are largely developed in residential housing are zoned RE-10,000 square ft (Rural Exclusive 10,000-square foot minimum lot) and RE-20,000 square ft (Rural Exclusive 20,000-square foot minimum lot).

2.3 ADJACENT RESIDENTIAL AND COMMERCIAL AREAS

North Rose Avenue is located immediately adjacent to the northwestern Site boundary. The area across North Rose Avenue from the Site is largely developed in residential land use except for the water production well and water storage tank facility owned and operated by the Vineyard Avenue Estates Water Mutual Company at the corner of North Rose Avenue and Corsicana Drive (Kadah 2020). The groundwater production well (OH Well # 14), owned and operated by the United Water Conservation District (UWCD), is located immediately adjacent to the southwest corner of the Site (Kadah 2020). Rio del Valle Middle School is located adjacent to southwest Site boundary. The areas northeast and southeast of the Site are being used for raspberry production by Reiter Affiliated Companies (Figure 2). The UWCD El Rio Spreading Grounds are located approximately 0.25 to 1.0 mile north of the Site on the northwest side of North Rose Avenue. Water is diverted from the Santa Clara River to the El Rio Spreading Grounds to recharge the underlying aquifers (refer to Section 3.3.1).

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3.0 PHYSICAL SETTING AND CONDITIONS

The Site is depicted on the Oxnard, California Quadrangle USGS 7.5-minute topographic series map (USGS 2018) (Figure 1). The geographic coordinates of the Site are approximately Latitude 34° 14' 2.39" north, Longitude 119° 9' 10.61" west. The EDR report indicates that the Site elevation is approximately 97 feet amsl (EDR 2020).

3.1 REGIONAL GEOLOGY

The Site is located in Ventura County on the Oxnard Plain of the central Ventura Basin within the Western Transverse Ranges geomorphic province of California. This geomorphic province is distinguished by the prevailing east-west linear trend of its geologic structure and geomorphology in contrast to the predominant northwest-southeast trend of the geomorphic features within most other provinces of the state. The province is bounded by major faults, including the San Andreas Fault zone in the northeast, the Big Pine fault in the north and the Malibu Coast fault in the south. Most of the faults in Ventura County are reverse faults which dip north, including the Pine Mountain, Red Mountain, San Cayetano, Santa Susana, Simi, Ventura and Malibu Coast faults (Norris and Webb 1990).

The Ventura Basin is a large synclinal structure situated between the Santa Ynez Range and Topa Mountains on the north, the Channel Islands and Santa Monica Mountains on the south, the San Gabriel Fault on the east, and extending to the western end of the Santa Barbara Channel (Norris and Webb 1990). Structure in the Oxnard Plain is characterized by a series of broadly folded west-trending and east-northeast–trending anticlines and synclines associated with thrust and reverse faults that formed in the Saugus Formation and may have also deformed the overlying older alluvium (California Department of Conservation, California Geologic Survey [CGS] 2002).

3.2 LOCAL GEOLOGY

Locally, the Site is situated in the Oxnard Plain sub-province. Lithologic units of sedimentary origin underlying the nearly flat Oxnard Plain are approximately 45,000 feet in thickness and consist of Upper Cretaceous, Tertiary, and Quaternary-age units which have been deposited on a pre-Upper Cretaceous base of igneous and/or metamorphic rock. Unconsolidated Holocene (last 11,000 years) sediments beneath the Site were deposited during the post-glacial period in marine, lagoonal, lacustrine, fluvial-flood plain, deltaic and eolian environments, including the pre-historic delta of the ancient Santa Clara River and Calleguas Creek and reach a depth of approximately 900 feet beneath the Oxnard Plain (Turner and Mukae 1975).

3.3 HYDROLOGY

3.3.1 Hydrogeology

The Site is situated at the eastern edge of the Oxnard Forebay Basin, a subbasin of the larger Santa Clara-Calleguas groundwater basin. The Oxnard Forebay Basin is an important groundwater recharge area for valuable resources of groundwater in aquifers underlying the Oxnard Plain. The unconsolidated sediments beneath the Oxnard Forebay Basin and the Site are composed of both continental and marine deposits of Tertiary and Quaternary age. They contain multiple aquifers of coarse grain sediments with intervening fine grain aquitards. Aquifers have been grouped into an Upper Aquifer System (UAS) and a Lower Aquifer System (LAS) based on changes in geologic structure and separated in many areas by regional layers of low permeability clay. The UAS sediments are relatively flat lying and extend to approximately 400 feet beneath the Site. The sediments in the LAS are more structurally complex, resulting from folding and faulting. In the Oxnard Forebay Basin, alluvial sediments in the subsurface are predominantly coarse

grain sands and gravels. Fine grain sediments, such as silts and clays, that can act as confining layers are generally absent or discontinuous. This condition allows for direct recharge of the UAS from the surface and some recharge of the LAS from the UAS in the subsurface (Fox Canyon Ground Water Management Agency 2017; Turner and Mukae 1975).

The first encountered groundwater beneath the Site is in the UAS. Review of potentiometric maps for the UAS from 1972 through 2016 indicate that the depth to groundwater ranged from approximately 33 feet below ground surface (bgs) to 133 feet bgs during that time period (Fox Canyon Groundwater Management Agency 2015). The most recent groundwater elevation data for fall 2016 indicates that the first encountered groundwater in the Site area was at approximately -36 feet below mean sea level (msl) or approximately 133 feet bgs (Fox Canyon Groundwater Management Agency 2019). The depth to the highest known historical groundwater level in the Site area is approximately 20 feet bgs (CGS 2002).

3.3.2 Flood Zoning

According to the U.S. Department of Homeland Security Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map No. 06111C0910E, the Site is not located in a flood hazard area (FEMA 2020).

3.3.3 Wetlands

The EDR report indicates that the Site area is covered in the National Wetlands Inventory prepared by the U.S. Fish and Wildlife Service (USFWS) (EDR 2020). The USFWS maintains the National Wetlands Inventory (NWI), a geographic information system (GIS)-based relational database of wetlands that have been mapped throughout the country. Based on the information provided in the EDR Report and review of the USFWS map for the area surrounding the Site, the nearest wetland is the UWCD El Rio Spreading Grounds, located 0.25 to 1 mile north of the Site (USFWS 2020).

3.3.4 Asbestos Containing Rocks

Tetra Tech has reviewed available topographic and geologic maps for the Site area and *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos* (CDMG 2000) for potential sources of naturally occurring asbestos (NOA) and believes the risk for NOA at the Site is low. The nearest sources of NOA are approximately 40 miles northwest of the Site in the Santa Ynez River Watershed located in Santa Barbara County.

4.0 PHASE II ESA ADDENDUM FIELD ASSESSMENT

4.1 RATIONALE

Tetra Tech implemented the field sampling in accordance with the *Preliminary Endangerment Guidance Manual* (DTSC January 1994, Revised October 2015) (PEA Guidance Manual). In the Phase II ESA (Tetra Tech 2020b), Tetra Tech recommended that the RSD enter the western 5-acre portion of the Site that was formerly to be developed for a maintenance, operations, and transportation (MOT) facility into the DTSC Voluntary Cleanup Program (VCP) and perform additional assessment to evaluate the lateral and vertical extent of TPHd, TPHc, and the OCD dieldrin at concentrations exceeding the screening levels. The additional assessment data was to be used to determine appropriate regulatory clearance prior to developing the Site as a MOT facility. For the remaining 5-acre portion of APN 144-0-110-225 to be developed as a K-12 school facility in the future, Tetra Tech recommended that a Preliminary Environmental Assessment (PEA) be performed under DTSC oversight to further evaluate the RECs posed by the areas of the Site that are significantly impacted by TPHd and TPHc. The Phase II Addendum for the Site was completed to gather additional data to define the vertical and lateral extent of OCP and TPHd and TPHc impacted soil and perform human health risk screening for the western 5-acre portion of the Site to be developed as the proposed MOT facility prior to entering the Site into the DTSC VCP. In addition, sampling was performed for the eastern 5-acre portion of the Site to assess the depth of the TPHd and TPHc impacted soil. The PEA for the 5-acre portion of the Site to be developed as a K-12 school facility was to be postponed for a later time.

The proposed use for the Site has changed since the Phase II ESA was completed. The RSD proposes to continue utilizing the Site for agriculture until future plans are determined. No utility expansion is proposed.

4.1.1 Former Proposed MOT Facility DTSC VCP

4.1.1.1 Assessment of OCPs (Dieldrin) in Soil

In the Phase II ESA, based on rationale recommended in the PEA Guidance Manual (DTSC 2015) and Agricultural Fields Guidance (DTSC 2008), 20 surface soil samples were collected (sample locations SS-1 through SS-20) in an equal-spaced grid pattern at depths of 0 to 0.5 feet bgs. The twenty discrete surface soil samples were collected and combined into five composite samples (samples Comp 1 through Comp 5) and one duplicate composite sample (sample Comp Dup). OCPs were detected in all five of the composite surface soil samples and the composite duplicate surface soil sample. The OCPs 4,4'-DDD (DDD), 4,4'-DDE (DDE), 4,4'-DDT (DDT) were detected at concentrations below their respective screening levels. Dieldrin was detected in sample Comp 2 at a concentration of 0.052 mg/kg, slightly above the screening level of 0.034 mg/kg. No other OCPs were identified in the composite surface soil sample results from the Site.

To further assess the location and extent of the dieldrin at a concentration above the screening level in sample Comp 2, discrete soil samples were collected at sample locations SS-5 through SS-8 for OCP analysis. At each location, a surface soil sample was collected at a depth of 0 to 0.5 feet bgs and a subsurface soil sample was collected at a depth of 2 to 2.5 feet bgs. Thirteen surface soil step out samples and 13 subsurface step out soil samples were collected at sample locations SS-22 through SS-31 around sample locations SS-5 through SS-8 to assess the lateral extent of OCPs at concentrations exceeding screening levels. Initially, only the surface soil samples from sample locations SS-5 through SS-8 were analyzed for OCPs. In the surface soil samples collected at sample locations SS-5 and SS-7, OCPs were detected at concentrations exceeding screening levels, and the corresponding subsurface samples and four step out

surface soil samples were analyzed to assess the vertical and lateral extent of OCPs at concentrations exceeding screening levels.

4.1.1.2 Assessment of TPHd and TPHc in Soil

In the Phase II ESA, potential impacts to surface soil from smudge pot fuel oil were assessed by collecting surface soil samples at a depth of 0 to 0.5 feet bgs at 10 locations across the Site within the OCP sampling grid. Ten discrete surface soil samples and one duplicate soil sample (11 soil samples total) were analyzed for semivolatile organic compounds (SVOCs), polyaromatic hydrocarbons (PAHs), (semivolatile organic compounds within the OCP sampling grid. SVOCs and PAHs were not detected at concentrations above their relevant screening levels. TPHd and TPHc were detected at concentrations that significantly exceeded their screening levels in nine discrete soil samples and one duplicate sample of the 11 soil samples analyzed.

To further assess the lateral and vertical extent of TPHd and TPHc at concentrations above their screening levels within the proposed MOT facility area, soil samples were collected at sample locations SS-1 through SS-8 (8 locations). Surface and subsurface soil samples were collected at a depths of 0 to 0.5 feet bgs and 2 to 2.5 feet bgs, respectively, at sample locations SS-2, SS-4, SS-6, and SS-8. Subsurface samples only were collected at sample locations SS-1, SS-3, SS-5, and SS-7. If TPHd and/or TPHc were detected at concentrations exceeding their screening level in the surface soil samples collected at locations SS-2, SS-4, SS-6, and SS-8, then the corresponding subsurface soil sample was to be analyzed for TPHd and/or TPHc to assess the depth of impacted soil. The samples were analyzed for TPHd and TPHc using EPA method 8015CC.

Extractable Petroleum Hydrocarbons (EPH) by Massachusetts Department of Environmental Protection Method. The surface soil samples collected from the former proposed MOT area were selected for analysis by extractable petroleum hydrocarbons (EPH) by Massachusetts Department of Environmental Protection (MDEP) method MADEP-EPH-04. This is in accordance with the recommendation in the PEA Guidance Manual (DTSC January 1994, Revised October 2015) for performing simplified risk exposure analysis for TPH. Surface soil sample SS-1-0, SS-2-0, SS-3-0, SS-4-0, SS-5-0, the duplicate sample for sample SS-5-0 (Dup-1), SS-6-0, SS-7-0, and SS-8-0 were analyzed for EHP by method MADEP-EPH-04.

4.1.2 Former Proposed K-12 School Site TPHd and TPHc Assessment

To further assess the vertical extent of TPHd and TPHc at concentrations above their screening levels within the former proposed K-12 school site area, subsurface soil samples (collected at a depth of 2 to 2.5 feet bgs) were collected at sample locations SS-9, SS-11, SS-13, SS-17, and SS-19 (five locations).

4.2 SITE HEALTH AND SAFETY

The Site-Specific Health and Safety Plan (SSHSP) prepared for the Phase II ESA was updated and used for the Phase II ESA Addendum. The SSHSP is required by law to perform work at sites where workers may be exposed to hazardous waste and/or materials. The SSHSP was prepared in accordance with Code of Federal Regulations (CFR) Section 1910.120, California Administrative Code (CAC), Title 8, and the Tetra Tech Corporate *Health and Safety Manual* (Tetra Tech 2011). The SSHSP included a Site location map and a map showing the most direct route to the nearest emergency care center, the identity of the Site Health and Safety Officer, lists of the chemicals, materials, equipment, physical conditions that pose a threat or hazard, and the level of protection that will provide for proper worker safety. Proof of valid and current Occupational Safety and Health Administration (OSHA) training certifications was required for all Site workers. The SSHSP also described the procedures and practices that were followed during field activities,

including safety monitoring and field decontamination. All fieldwork was performed in accordance with the SSHSP.

4.3 SOIL SAMPLE COLLECTION AND SAMPLE ANALYSIS

The soil sample analysis schedule is presented in Table 1 and the soil sample locations are shown on Figure 3. Tetra Tech collected soil samples using hand sampling techniques at 27 locations in the 10-acre Site to further assess pesticide and fuel oil in surface and subsurface soils. The soil sample analyses were performed by BC Laboratories, Inc. (BC), a California State Certified laboratory.

4.3.1 Former Proposed MOT Facility DTSC VCP

4.3.1.1 Additional Assessment of OCPs in Soil

To further assess OCPs in soil, Tetra Tech collected soil samples using hand auger sampling techniques at 21 locations (sample locations SS-1 through SS-8 and SS-22 through SS-34) in the 10-acre Site in an equal-spaced grid pattern (Figure 3 and Table 1). At each location, a surface soil sample was collected at a depth of 0 to 0.5 feet bgs and a subsurface soil sample was collected at a depth of 2 to 2.5 feet bgs. Thirteen surface soil step out samples and 13 subsurface step out soil samples were collected around sample locations SS-5 through SS-8 at sample locations SS-22 through SS-34 to assess the lateral extent of OCPs at concentrations exceeding screening levels. Initially, only the surface soil samples from sample locations SS-5 through SS-8 were analyzed for OCPs. OCPs were detected at concentrations exceeding screening levels in the surface soil samples from sample locations SS-5 and SS-7, so the corresponding subsurface samples were collected at sample locations SS-5 and SS-7. The four step out surface soil samples at each of the sample locations SS-5 and SS-7 (sample locations SS-22 through SS-25 and SS-28 through SS-31) were also analyzed to assess the lateral extent of OCPs at concentrations exceeding screening levels.

4.3.1.2 Additional Assessment TPHd and TPHc Soil

To further assess the lateral and vertical extent of TPHd and TPHc at concentrations above their screening levels within the former proposed MOT facility area, surface and subsurface soil samples were collected at a depths of 0 to 0.5 feet bgs and 2 to 2.5 feet bgs, respectively, at sample locations SS-2, SS-4, SS-6, and SS-8 (4 locations), and subsurface soil samples were collected at sample locations SS-1, SS-3, SS-5, and SS-7 (4 locations) (Figure 3 and Table 1). The surface soil samples collected at locations SS-2, SS-4, SS-6, and SS-8, and the subsurface soil samples collected at locations SS-1, SS-2, SS-3, SS-5, SS-6, SS-7, and SS-8 were analyzed for TPHd and TPHc using EPA methods 8015B and 8015CC.

4.3.1.3 Extractable Petroleum Hydrocarbons (EPH) by Massachusetts Department of Environmental Protection Method

The surface soil samples collected from the proposed MOT area at sample locations SS-1-0, SS-2-0, SS-3-0, SS-4-0, SS-5-0, the duplicate sample for sample SS-1-0 (Dup-1), SS-6-0, SS-7-0, and SS-8-0 were analyzed for EPH by method MADEP-EPH-04 (Figure 3 and Table 1).

4.3.2 Former Proposed K-12 School Site TPHd and TPHc Assessment

To further assess the vertical extent of TPHd and TPHc at concentrations above their screening levels within the former proposed K-12 school site area, subsurface soil samples (collected at a depth of 2 to 2.5 feet bgs) were collected at sample locations SS-9, SS-11, SS-13, SS-17, and SS-19 (Figure 3 and Table 1).

4.4 SOIL SAMPLE ANALYSIS RESULTS

4.4.1 Analytical Results for Organochlorine Pesticides

The OCP sample results for the samples collected for the Phase II ESA Addendum on December 9, 2020 are included in Appendix A. The sample results for the samples collected for the Phase II ESA Addendum on December 9, 2020 and the composite samples collected on October 9, 2020 for the Phase II ESA (Tetra Tech 2020b) are summarized in Table 2. Figure 4 presents a hits map that shows the dieldrin sample results at the sample locations. The dieldrin sample results from the Phase II ESA (Tetra Tech 2020b) are also included in Table 2 and shown on Figure 4. Low concentrations of OCPs were detected in all the samples analyzed for the Phase II ESA Addendum.

As stated earlier for the Phase II ESA, OCPs were detected in all five of the composite surface soil samples and the composite duplicate surface soil sample. The OCPs 4,4'-DDD (DDD), 4,4'-DDE (DDE), 4,4'-DDT (DDT) were detected at concentrations below their respective screening levels. Dieldrin was detected in sample Comp 2 at a concentration of 0.052 mg/kg, slightly above the screening level of 0.034 mg/kg. No other OCPs were identified in the composite surface soil sample results from the Site.

The OCPs 4,4'-DDD (DDD), 4,4'-DDE (DDE), 4,4'-DDT (DDT), and dieldrin were detected in all the surface soil samples collected for the Phase II ESA Addendum (samples SS-5-0, SS-6-0, Dup-2, SS-7-0, SS-8-0, Dup-3, SS-22-0, SS-23-0, SS-24-0, SS-25-0, SS-26-0, SS-27-0, SS-28-0, SS-29-0, SS-30-0, and SS-31-0) collected for the Phase II ESA Addendum. Only DDE was detected in subsurface sample SS-5-2.5, and DDE, DDT, and dieldrin were detected in subsurface sample SS-7-2.5. The samples results for OCP detected at concentrations above the laboratory method detection limit (MDL) are summarized below:

- DDD was detected at concentrations ranging from 0.0038 milligrams per kilogram (mg/kg) in sample SS-29-0 to 0.05 mg/kg in sample SS-5-0, and was not detected in subsurface samples SS-5-2.5 or SS-7-2.5;
- DDE was detected at concentrations ranging from 0.0016 mg/kg in sample SS-5-2.5 to 0.40 mg/kg in sample SS-5-0;
- DDT was detected at concentrations ranging from 0.0013 mg/kg in sample SS-7-2.5 to 0.069 mg/kg in sample SS-5-0, and was not detected in subsurface sample SS-5-2.5; and
- Dieldrin was detected at concentrations ranging from 0.0013 mg/kg in sample SS-7-2.5 to 0.056 mg/kg in sample SS-5-0, and was not detected in subsurface sample SS-5-2.5.

With the exception of dieldrin, none of the OCPs were detected at concentrations that exceeded their respective U.S. Environmental Protection Agency (U.S. EPA) Regional Screening Levels (RSLs) (U.S. EPA 2021) for residential soil (Table 2). The dieldrin concentrations in surface soil samples SS-5-0 (0.056 mg/kg), SS-7-0 (0.040 mg/kg), SS-22-0 (0.044 mg/kg), SS-23-0 (0.039 mg/kg), SS-25-0 (0.041 mg/kg), and SS-31-0 (0.034 mg/kg) equaled or exceeded the U.S. EPA RSL for dieldrin of 0.034 mg/kg.

4.4.2 Analytical Results for TPHd and TPHc

The TPHd and TPHc sample results sample results for the samples collected for Phase II ESA Addendum on December 9, 2020 are included in Appendix A. Figure 5 presents a hits map that shows the TPHd and TPHc sample results at the sample locations. The TPHd and TPHc sample results from the Phase II ESA (Tetra Tech 2020b) are also included in Table 3 and shown on Figure 5.

For the surface soil samples collected for the Phase II ESA on October 9, 2020, THPd and TPHc were detected in nine of the ten of the surface soil samples collected at Site and the two duplicate surface soil samples collected for TPHd and TPHc assessment. The samples results for TPHd and TPHc for samples collected on October 9, 2020 are summarized below:

- TPHd was detected in the surface soil samples collected on October 9, 2020 for the Phase II ESA (samples SS-1, SS-3, SS-5, Soil Dupe 1, SS-7, SS-9, SS-11, SS-13, SS-17, Soil Dupe 2, and SS-19) at concentrations ranging from 17 mg/kg (sample SS-19) to 870,000 mg/kg (sample Soil Dupe 2). TPHd was not detected at a concentration above the laboratory MDL in sample SS-15.

- TPHc was detected in the surface soil samples collected on October 9, 2020 for the Phase II ESA (samples SS-1, SS-3, SS-5, Soil Dupe 1, SS-7, SS-9, SS-11, SS-13, SS-17, Soil Dupe 2, and SS-19) at concentrations ranging from 15,000 mg/kg (sample SS-17) to 670,000 mg/kg (sample Soil Dupe 2, the duplicate sample for sample SS-17).

The samples results for TPHd and TPHc for samples collected on December 4, 2020 for the Phase II ESA Addendum are summarized below:

- TPHd was not detected at a concentration above the laboratory MDL in the surface or subsurface soil samples collected on December 4, 2020 for the Phase II ESA Addendum (surface soil samples SS-2-0, SS-4-0, SS-6-0, DUP-2, SS-8-0, and DUP-3, and subsurface soil samples SS-1-2.5, SS-2-2.5, SS-3-2.5, SS-5-2.5, SS-6-2.5, SS-7-2.5, SS-8-2.5, SS-9-2.5, Dup-4, SS-11-2.5, SS-13-2.5, SS-17-2.5, and SS-19-2.5).

- TPHc was detected in seven of the discrete surface soil samples and two of the duplicate samples collected on December 4, 2020 for the Phase II ESA Addendum (surface soil samples SS-2-0, SS-4-0, SS-6-0, DUP-2, SS-8-0, and DUP-3, and subsurface soil samples SS-7-2.5, SS-9-2.5, and SS-13-2.5) at concentrations ranging from 16 mg/kg (sample SS-9-2.5) to 56 mg/kg (sample SS-8-0).

TPHd was detected in samples SS-1, SS-3, SS-5, Soil Dup 1, SS-7, SS-9, SS-11, and SS-13 that were collected on October 9, 2020 for the Phase II ESA at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 260 mg/kg by one order of magnitude. In samples SS-17 (170,000 mg/kg) and Soil Dup 2 (870,000 mg/kg) the TPHd concentrations exceeded the SFRWQCB Tier 1 ESL for residential soil of 260 mg/kg by three orders of magnitude (SFRWQCB 2019).

TPHc was detected in samples SS-1, SS-3, SS-5, Soil Dup 1, SS-7, SS-9, SS-11, SS-13, SS-17, Soil Dupe 2, and SS-19 that were collected on October 9, 2020 for the Phase II ESA at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg by one order of magnitude. In samples SS-17 (15,000 mg/kg) and Soil Dup 2 (670,000 mg/kg), the TPHc concentrations exceeded the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg by one and two orders of magnitude, respectively (SFRWQCB 2019).

TPHd and TPHc were not detected at concentrations that equaled or exceeded their respective SFRWQCB Tier 1 ESL for residential soil in any of the surface or subsurface samples collected on December 4, 2021 for the Phase II ESA Addendum.

4.4.3 Analytical Results for Extractable Petroleum Hydrocarbons (EPH) by Massachusetts Department of Environmental Protection Method

The EPH by method MADEP-EPH-04 sample results sample results for samples collected for the Phase II ESA Addendum are included in Appendix A and are summarized in Table 4. C19-C39 aliphatics were detected in sample SS-2-0 at a concentration of 13 mg/kg. No other EPH were detected at concentrations above the laboratory MDL. No EPH were detected at concentrations that exceeded their respective U.S. EPA RSLs (U.S. EPA 2021) for residential soil (Table 4).

5.0 HUMAN HEALTH SCREENING EVALUATION

5.1 INTRODUCTION

The Phase II ESA and ESA Addendum of the RSD ten-acre portion of APN 144-0-110-225 on North Rose Avenue were performed as part of the due diligence efforts required to support development of the Site by the RSD. School site expansion may be performed on the Site. Therefore, the human health risk screening evaluates the entire parcel for unrestricted land use and comparison with residential soil screening values, as well as risk screening for possible commercial/ industrial future use. Risk-based screening levels (RBSLs) for unrestricted and commercial/industrial land use followed DTSC HERO Note Number 3, DTSC-Modified Screening Levels (DTSC, 2020) and *HERO Note Number 4*, Guidance for Screening Level Human Health Risk Assessments (DTSC, 2019).

The Human Health Risk Screening Evaluation for human health effects consists of three steps: (1) identifying potentially complete exposure pathways based on a conceptual site model, (2) identifying chemicals of potential concern (COPCs), and (3) estimating potential cancer risks and noncancer hazards through comparison of risk-based screening levels (RBSLs) to site concentrations of COPCs. The findings of the human health screening evaluation are summarized in the risk characterization (Section 5.7).

5.2 EXPOSURE PATHWAYS AND CHEMICALS OF POTENTIAL CONCERN

This sections discusses the conceptual site model (CSM) for potential environmental release to soil of chemicals from historical and current agricultural operations, exposure pathways for receptors under proposed future school land use, and COPCs for the future school land use.

5.2.1 Conceptual Site Model

A CSM provides a description of the links between contaminant sources at a site, the chemicals detected at the Site, the mechanisms by which chemical transport or migration may occur in the environment, and the persons potentially exposed to environmental media at the Site. Furthermore, DTSC PEA Guidance (Cal/EPA DTSC, 2015) and HERO Memo #4 (Cal/EPA DTSC, 2019) indicate that developing a CSM is critical to ensuring that environmental investigations and screening level human health risk evaluations address appropriate receptors and exposure pathways. The CSM for the Site is described in the following text.

The Site is a 10-acre portion of APN 144-0-110-225, which is a 92.53-acre lot. The Site is bounded by North Rose Avenue on the west/northwest, land developed in berry cultivation on APN 144-0-110-225 on the northeast and southeast, and the RSD's Rio del Valle Middle School on the south/southeast. Currently, the Site is used for agricultural production of organic raspberries. Historical aerial photographs indicate that the Site was previously used for cultivation of row crops and orchards, and support long-term agricultural use of the parcel.

The Phase I ESA for the Site identified the following RECs for the Site with potential releases to surface and near surface soil. Therefore, a Phase II and Phase II Addendum ESAs for soil were conducted. REC 1 is for potential former agricultural pesticide application (specifically organochlorine pesticides [OCPs] and arsenic pesticides). REC 2 is for potential bunker oil releases from potential former smudge pot frost abatement practices. REC 3 is for PCB-containing transformers (three pole-mounted electrical transformers are located along the southwest Site boundary). All of these three RECs are associated with potential releases to soil. Soil samples were collected at the Site during the Phase II and Phase II Addendum ESAs,

and these were analyzed for OCPs, arsenic, SVOCs, PAHs, PCBs, TPH-(C10-C25 fraction), and TPH-(C25-C40 fraction).

While migration from soil to groundwater is a possibility, the Phase II ESA and Phase II ESA Addendum were focused on soil only and determined that chemical impacts were limited to the 0 – 0.5 ft soil interval. Therefore, the CSM is focused on potential exposure pathways with soil.

School children and staff are the receptor groups most likely to be exposed to any chemicals potentially present at the Site. PEA guidance (Cal/EPA DTSC 2015) indicates that sites should be evaluated assuming unrestricted residential land use, regardless of current and future uses. Therefore, the unrestricted land use scenario (i.e., residential land use) was evaluated for this Site, which is protective of future school use since the exposure assumptions for a residential scenario are more conservative than those for a school scenario.

5.2.2 Potential Exposure Pathways for Receptors

Analytical data indicated that the environmental releases were limited to soil. Therefore, potential exposure pathways are for soil and for air pathways for chemicals that could be released from soil.

5.2.2.1 Soil Exposure Pathways

Currently, the Site is unpaved and bare soils may be contacted directly. Analytical data from Phase II ESA and Phase II Addendum ESA soil samples have shown chemical detections in soils at the Site. Therefore, the potential exists for humans to be exposed to COPCs through direct dermal contact with soil and by incidental soil ingestion. In the future, if school site expansion occurs on the parcel, it is likely buildings will be constructed at the Site. These buildings as well as supporting features such as sidewalks and parking areas will act to limit exposures to soils by onsite receptors. However, in accordance with PEA guidance, all soils at the Site were considered available for dermal contact, incidental ingestion, and the generation of dusts (Cal/EPA DTSC 2015).

5.2.2.2 Air Exposure Pathways

Nonvolatile chemicals may also sorb to soils. Wind erosion and dispersion of soil particulates could potentially result in exposure to these nonvolatile chemicals associated with airborne soil particulates (i.e., dusts). Therefore, it was assumed that receptors could potentially be exposed to COPCs by the inhalation of wind-generated airborne dusts.

5.3 CHEMICALS OF POTENTIAL CONCERN

Tables 5 and 6 present a data summary of chemical analyses for soil samples collected at the Site with comparison of maximum detections with RBSLs for the selection of COPCs. The following subsections discuss the types of chemicals that were analyzed for and detected by the specific EPA Methods, and identified the COPCs that were carried into the human health risk screening evaluation and on what basis they were included as COPCs or not.

5.3.1 Arsenic

Based on the historical agricultural land use, arsenic was the only metal analyzed for in soil. Historically, arsenical pesticides may have been used. To determine the presence of arsenic and ensure a health-protective assessment, soil samples were analyzed for arsenic using EPA Method 6010B.

Metals present at concentrations equivalent to (or lower than) background concentrations do not need to be considered in the screening evaluation (Cal/EPA DTSC, 2015). Arsenic was detected at a maximum concentration of 4.8 mg/kg, which is well below the DTSC screening level of 12 mg/kg. As indicated in the DTSC Interim Guidance for Sampling Agricultural Properties (Cal/EPA DTSC, 2008), if all arsenic data are equal to or less than 12 mg/kg, then arsenic does not need to be considered a COPC and this determination does not require collection and comparison to a background data set. Therefore, arsenic was not selected as a COPC and was not evaluated further in the risk screening evaluation.

5.3.2 Pesticides

To determine the presence of pesticides and ensure a health-protective assessment, soil samples collected at the Site were analyzed for OCPs using EPA Method 8081A. The following four organochlorine pesticides were detected in soils at the Site: DDD, DDE, DDT, and dieldrin. However, only dieldrin was detected at concentrations that exceed the residential soil RBSL (Table 5). It should be noted that all four of these OCPs were detected at concentrations that are below their commercial/industrial soil RBSLs (Table 6). All four of these OCPs were identified as COPCs for the health risk screening evaluation of unrestricted land use.

5.3.3 Semivolatile Organic Compounds (SVOCs)

To assess potential releases from possible historical smudge pots, soil samples were analyzed for SVOCs by EPA Method 8270C and for PAHs by EPA Method 8270 SIM. The only chemicals detected in soil samples by SVOC method analysis were bis(2-ethylhexyl)phthalate, DDD, DDE, DDT, and dieldrin. The pesticides were already identified as COPCs based on the results of the EPA Method 8081A analysis. Bis(2-ethylhexyl)phthalate was detected in only 1 of 12 samples, the detection is very low (0.036 mg/kg) when compared with the RBSL (39 mg/kg based on a 1×10^{-6} risk level), and it is considered a common laboratory contaminant. Based on these lines of evidence, bis(2-ethylhexyl)phthalate is not identified as a COPC for the screening risk evaluation.

5.3.4 Polycyclic Aromatic Hydrocarbons (PAHs)

Three noncarcinogenic PAHs were detected in the EPA Method 8270 SIM analysis (fluoranthene, phenanthrene, and pyrene), and their maximum detections were seven orders of magnitude lower than the respective noncancer RBSLs for these PAHs. Therefore, fluoranthene, phenanthrene, and pyrene were not selected as COPCs for the screening risk evaluation.

5.3.5 Total Petroleum Hydrocarbons (TPH)

The possible historical use of smudge pots when the parcel was used as an orchard is the basis of why soil samples were submitted for TPH analyses for diesel range (C10-C25) and crude oil range (C25-C40) carbon aliphatic chain fractions. The analytical method was EPA Method 8015M. While TPH analytical results exceeded the RBSLs for TPHd and TPHc oil, the chromatograms from the laboratory analyses did not match what would be expected for TPH-diesel and TPH-crude oil. In addition, EPH were not detected at concentrations that exceeded their respective U.S. EPA RSLs (U.S. EPA 2021) for residential soil. The current tenant, Reiter Affiliated Companies, grows certified-organic raspberries on the parcel and adjacent property, and uses environmentally safe mineral-based oils for miticide insect pest deterrent on a regular schedule. Based on the wide spread detection of TPHd and TPHc in Site soil, the chromatograms from the laboratory analyses not matching what would be expected for TPHd and TPHc, and the fact that environmentally safe mineral-based oils are used on the Site on a regular basis, it is likely that the wide spread detection of TPHd and TPHc in Site soil is from the environmentally safe mineral-based oils used

at the Site. Based on the information on likely low toxicity of the oils used for pest deterrent on these certified-organic raspberry cultures, TPH fractions C10-C25 and C25-C40 are not identified as COPCs for the screening risk evaluation.

5.3.6 Polychlorinated Biphenyls (PCBs)

REC 3 is a very localized area of a pole-mounted electrical transformer on the southwest corner of the Site. Duplicate soil samples were collected from a single sample location (SS-21), and analyzed by EPA Method 8082 for PCBs. Aroclor 1260 was the only detected PCB result. The detected result (0.0083 mg/kg; dup 0.007 mg/kg) is 30 times lower than the residential soil RBSL for PCBs. The associated cancer risk with the detected soil result is 3×10^{-8}, which is well below the de minimis risk level of 10^{-6}. As such, Aroclor 1260 is not selected as a COPC for the risk screening evaluation.

5.3.7 COPCs and Exposure Point Concentrations

The COPCs that were identified for the Site are the detected OCPs: DDD, DDE, DDT, and dieldrin. For the risk screening evaluation, the maximum detected concentrations were used as the exposure point concentration (EPC) for DDD, DDE, and DDT, which were detected at concentrations that are below their respective residential soil RBSLs. Table 5 presents the EPCs. The maximum detected concentrations were applied as EPCs in a more conservative risk screening evaluation, shown in Table 6. Because the maximum detected concentration of dieldrin exceeded the corresponding screening level, risks were also calculated based 95% upper confidence limit (95% UCL) of the arithmetic mean for dieldrin, while maintaining the maximum detected concentration EPCs for DDD, DDE, and DDT. The 95% UCL for dieldrin was calculated with EPA ProUCL software (USEPA, 2016), and the EPC dataset are from surface soil samples (0 – 0.5 ft bgs). The EPC dataset did not include samples from the 0.5 – 2 ft bgs interval because the deeper samples had lower concentrations (i.e., the OCPs were delineated in the surface soil). .

5.4 RISK-BASED SCREENING LEVELS

For COPCs in soil, potential residential receptors could be exposed via incidental ingestion, dermal contact, and inhalation of COPCs associated with airborne particulates. For this evaluation, soil screening levels were developed to be protective of potential exposures to COPCs in soil through these exposure pathways.

In accordance with the Human and Ecological Risk Office's (HERO's) Human Health Risk Assessment (HHRA) Note 3 (Cal/EPA DTSC 2020), DTSC-modified soil screening levels and USEPA RSLs for soil were used as screening levels protective of residential receptors potentially exposed via contact with soil. DTSC-modified screening levels would have been used if they had been available, but USEPA RSLs were available and were used in the human health risk screening.

5.4.1 Target Risk Levels

For this evaluation, target risk levels were determined according to USEPA and Cal/EPA guidance. USEPA's 1990 guidance indicates that a carcinogenic risk probability between 1 in 1,000,000 and 1 in 10,000 (1×10^{-6} to 1×10^{-4}) are generally acceptable. The lower end of the target risk range is typically applied to residential scenarios, whereas the higher range is typically considered appropriate for commercial/industrial situations. Thus, for this evaluation, carcinogenic soil screening levels were developed based on a target risk of 1×10^{-6} for the residential scenario. For potential non-carcinogenic effects, USEPA (1990) indicates that non-carcinogenic chemicals should not be present at levels expected to cause adverse health effects. Therefore, for this evaluation, potential hazards for the residential scenario

are evaluated based on a target hazard index (HI) of 1. Individual chemical exposures that yield a HI of less than one is not expected to result in adverse non-cancer health effects (USEPA 1989).

5.4.2 Soil Risk-Based Screening Levels (RBSLs)

For this evaluation, DTSC-modified soil screening levels and USEPA soil RSLs protective of residential exposures were conservatively used to evaluate potential exposures to soil. The residential screening levels are conservative since they are based on exposure parameters that assume higher levels of exposure than would be associated with a school site. For example, the exposure frequency and exposure time in a residential scenario are 350 days per year and 24 hours per day, respectively. For a school scenario, the maximum exposure frequency and exposure time are 250 days per year and 10.3 hours per day, respectively.

5.5 RISK CHARACTERIZATION

Risks were characterized for potential residential receptors using the ratio of concentrations measured at the Site to the RBSLs identified for each environmental medium. This evaluation consisted of three steps: (1) specifying the target risk and hazard quotient to use in calculating the RBSLs; (2) estimating EPCs for each environmental medium; and (3) comparing the EPCs to the RBSLs to estimate risks and hazards for potential receptors. Each of these steps is described below.

5.5.1 Risk Estimation Procedures

The RBSLs were calculated for a specified target risk (i.e., a carcinogenic risk of 1×10^{-6} for residential receptors) and concentrations greater than the RBSLs represent carcinogenic risks proportionally greater than the target risk. Similarly, concentrations less than the RBSLs represent carcinogenic risks proportionally less than the target risk. Risks were calculated as follows, using the ratio of each COPC's EPC and its media-specific RBSL:

Cancer risk estimate for residential receptors:

$$\textbf{Theoretical Lifetime Cancer Risk} = (\text{EPC}/\text{carcinogenic RBSL}) \times 10^{-6}$$

Noncancer hazard quotient (HQ) for residential receptors:

$$\textbf{HQ} = (\text{EPC}/\text{noncarcinogenic RBSL})$$

In accordance with USEPA and DTSC guidance, the risk and hazard ratios for each chemical and potentially complete exposure pathway were summed to determine the multi-pathway cumulative carcinogenic risk estimates and noncarcinogenic HI for potential receptors.

5.5.2 Cancer Risk and Hazard Estimates for Soil

As shown in Table 6, based on the maximum detected results for chemicals detected in soil, the estimated cancer risk for the hypothetical residential scenario through exposure to COPCs in soil based on the residential soil RBSLs is 2×10^{-6}, which is at the low end of the USEPA target risk range of 10^{-4} to 10^{-6}) but just above the target risk level for residential receptors of 1×10^{-6} per DTSC guidance. The maximum estimated non-carcinogenic HI is 0.06, which is below the target HI of 1.

Dieldrin was detected in all surface soil samples with concentrations ranging from 0.013 mg/kg to 0.056 mg/kg, with 5 of 19 results exceeding its corresponding residential screening level of 0.034 mg/kg.

The estimated cancer risks summarized in Table 6 are conservative as they are based on the maximum detected concentrations for each chemical rather than a representative exposure concentration such as the 95% UCL of the arithmetic mean concentration.

Table 7 provides a risk estimate based on the 95% UCL for dieldrin (0.0335 mg/kg) and the maximum detected concentrations of the other pesticides detected in soil (i.e., DDD, DDE, and DDT). As shown in Table 7, the estimated cancer risk for potential school receptors exposed to COPCs in soil based on the 95% UCLs for dieldrin and residential soil RBSLs is 1×10^{-6}, which is at the low end of the USEPA target risk range of 10^{-6} to 10^{-4} and meets the DTSC target risk for residential receptors. The estimated non-carcinogenic based on the 95% UCLs for pesticides HI is 0.06, which is below the target HI of 1.

5.6 UNCERTAINTY ANALYSIS

This section presents an evaluation of several potential sources of uncertainty in the risk estimates presented in Section 5.5. Uncertainty may have been introduced into the risk calculations as a result of:

- Assumed exposure to maximum detected concentrations; and
- Assumed exposure to all soils at the Site.

5.6.1 Use of Maximum Detected Concentrations

For this evaluation, it was conservatively assumed that potential receptors were exposed to the maximum detected concentration of each chemical detected in soil gas and soil. This is considered conservative since receptors are assumed to move around the Site in such manner that they would likely be exposed to levels such as the average concentration for a site. For this reason, risk assessment guidance recommends using the reasonable maximum exposure (RME) point concentration represented by the 95% upper confidence limit on the mean concentration, which is usually significantly lower than the maximum detected concentration. For this reason, risk and hazard estimates based on the 95% UCL for dieldrin was also provided for the soil.

5.6.2 Use of Maximum Detected Concentrations

Future development at the Site will likely include constructing several buildings and paved areas. Buildings and paved areas will act to prevent exposure to the soils underneath them, thus reducing soil exposures at the Site. Reduced exposure to the soils at the Site would also result in lower risk estimates for any future receptors at the Site.

5.7 RISK SUMMARY

Risks associated with residential exposure to maximum detections of detected pesticides (dieldrin, DDD, DDE, and DDT) in surface soil of the Site are just above DTSC's target risk of 1×10^{-6} for residential receptors. However, when the 95% UCL concentration of dieldrin is applied as the EPC for the residential risk screening, the cumulative risk is 1×10^{-6} and meets the DTSC target risk and is at the low end of the U.S. EPA risk range of 10^{-6} to 10^{-4}. Therefore, future unrestricted use of the Site is supported on the basis of this human health risk screening evaluation.

6.0 CONCLUSIONS

6.1 GENERAL SITE CONDITIONS

The Site is owned by the RSD, is leased by Reiter Affiliated Companies, and is currently used for the production of organic raspberries. The grounds were clean and well-kept. No buildings currently exist on Site. Additionally, no chemical products, storage drums, aboveground storage tanks (ASTs) or underground storage tanks (USTs) exist on Site. Dirt roads line the southern and western sides of the Site and separate rows of raspberries. No utilities currently are connected to the Site. Utilities serving the Site area are electricity (Southern California Edison) and natural gas (the Southern California Gas Company). Water for crop irrigation at the Site is provided by five groundwater wells owned by KMS Industries, Inc. Solid waste disposal is performed by Harrison Industries. The Site is adjacent to other areas currently being used for organic raspberry production on the northeast and southeast sides. Three pole-mounted electrical transformers are adjacent to the Site's southwest corner. A groundwater production well operated by the UWCD is located adjacent to the southern corner of the Site. The Rio del Valle Middle School is located adjacent to the southwestern Site boundary. Two high volume water transmission pipelines (one operated by the City of Oxnard and one operated by the UWCD) are located 30 and 40 feet, respectively northwest of the Site beneath North Rose Avenue. A groundwater production and treatment facility operated by the Vineyard Avenue Estates Water Mutual Company is located northwest of the Site across North Rose. The Site is not located in an oil field. The nearest oil field is the Santa Clara Avenue Field, located approximately 0.5 to 1 mile southeast of the Site. There are no known active or abandoned oil wells on Site. The "McGrath-McCormick 1", located approximately 500 feet northeast of the Site, is the oil well closest to the Site. The "McGrath-McCormick 1" oil well is a dry (non-oil producing) well that was drilled and abandoned in 1959.

It is our understanding that the RSD proposes to continue utilizing the site for agricultural production until future plans are determined. No utility expansion at the Site is proposed at this time.

6.2 PHASE II ESA ADDENDUM RESULTS

The Phase II ESA Addendum was completed to gather additional data to define the vertical and lateral extent of OCP and TPHd and TPHc impacted soil at the Site and perform a human health risk screening evaluation.

In the soil samples collected for the Phase II Addendum, with the exception of dieldrin, none of the OCPs were detected at concentrations that exceeded their respective U.S. Environmental Protection Agency (U.S. EPA) Regional Screening Levels (RSLs) (U.S. EPA 2021) for residential soil (Table 2). The dieldrin concentrations in surface soil samples SS-5-0 (0.056 mg/kg), SS-7-0 (0.040 mg/kg), SS-22-0 (0.044 mg/kg), SS-23-0 (0.039 mg/kg), SS-25-0 (0.041 mg/kg), and SS-31-0 (0.034 mg/kg) equaled or exceeded the U.S. EPA RSL for dieldrin of 0.034 mg/kg. The soil sample results from the Phase II ESA and Phase II ESA Addendum and indicate that vertical extent of dieldrin at the Site at concentrations exceeding their respective U.S. EPA RSLs is confined to the surface soil zone extending from the ground surface to approximately 1.0 to 2.0 feet bgs at sample locations SS-5, SS-7, SS-23, and SS-31. The lateral extent of dieldrin at concentrations that equaled or exceeded their respective U.S. EPA RSLs appears to be confined to the areas adjacent to sample locations SS-5, SS-7, SS-23, and SS-31.

TPHd and TPHc were not detected at concentrations that equaled or exceeded their respective SFRWQCB Tier 1 ESL for residential soil in any of the surface or subsurface samples collected for the Phase II ESA Addendum. The soil sample results from the Phase II ESA and Phase II ESA Addendum and indicate that vertical extent of the TPHd and TPHc at the Site at concentrations exceeding their respective SFRWQCB

Tier 1 ESL for residential soil is confined to the surface soil zone extending from the ground surface to approximately 1.0 to 2.0 feet bgs at sample locations SS-1, SS-3,. SS-5, SS-7, SS-9, SS-11, SS-13, and SS-17, and to approximately 1.0 to 2.0 for TPHc at sample location SS-19. The lateral extent of TPHd and TPHc at concentrations that equaled or exceeded their respective SFRWQCB Tier 1 ESL appears to be confined to the areas adjacent to sample locations SS-1, SS-3,. SS-5, SS-7, SS-9, SS-11, SS-13, SS-17, and SS-19.

For the soil samples analyzed for EPH by method MADEP-EPH-04, C19-C39 aliphatics were detected in sample SS-2-0 at a concentration of 13 mg/kg. No other EPH were detected at concentrations above the laboratory MDL. No EPH were detected at concentrations that exceeded their respective U.S. EPA RSLs (U.S. EPA 2021) for residential soil (Table 4).

Based on review of the Phase II ESA and Phase II ESA Addendum soil sample results, the Site appears to have been slightly impacted by OCPs from past agricultural production activities and significantly impacted from TPHd and TPHc. However, based on review information provided by Reiter Affiliated Companies including pesticide application records for the Site from 2019 and 2020, the TPHd and TPHc detected in Site soils appears to be from organic mineral oil based miticides recently used at the Site.

6.3 HUMAN HEALTH SCREENING EVALUATION RESULTS

The COPCs that were identified for the Site are the detected four OCPs: DDD, DDE, DDT, and dieldrin. For the risk screening evaluation, the maximum detected concentrations were used as the EPC for DDD, DDE, and DDT, which were detected at concentrations that are below their respective residential soil RBSLs. TPHd and TPHc were not included in the COPCs for the Site because based on review information provided by Reiter Affiliated Companies including pesticide application records for the Site from 2019 and 2020, the TPHd and TPHc detected in Site soils appears to be from organic mineral oil based miticides recently used at the Site.

Risks associated with residential exposure to maximum detections of detected pesticides (dieldrin, DDD, DDE, and DDT) in surface soil of the Site are just above DTSC's target risk of 1 x 10-6 for residential receptors. However, when the 95% UCL concentration of dieldrin is applied as the EPC for the residential risk screening, the cumulative risk is 1 x 10-6 and meets the DTSC target risk and is at the low end of the U.S. EPA risk range of 10-6 to 10-4. Therefore, future unrestricted use of the Site is supported on the basis of the human health risk screening evaluation.

7.0 RECOMMENDATIONS

The findings of this Phase II ESA Addendum indicates that Site surface soils have been slightly impacted by OCPs. The results of the human health screening evaluation indicate that when the 95% UCL concentration of dieldrin is applied as the EPC for the residential risk screening, the cumulative risk is 1 x 10^{-6} and meets the DTSC target risk and is at the low end of the U.S. EPA risk range of 10^{-6} to 10^{-4}. Therefore, future unrestricted use of the Site is supported on the basis of the human health risk screening evaluation. No further action is recommended for the Site for as long as the Site is used for agricultural production.

If some portion or all of the Site is developed as a K-12 school facility at a future time, Tetra Tech recommends that the Phase I ESA report (Tetra Tech 2020a), Phase II ESA Report (Tetra Tech 2020b), and this Phase II ESA Addendum report be submitted to the DTSC as a PEA equivalent document. It is likely that the DTSC will require that a Phase I ESA Update be performed to evaluate the potential for additional RECs to have impacted the Site following the completion of these reports. Additional environmental assessment of the Site may be required by DTSC based on the results of the Phase I ESA Update report. In addition, a hazardous pipeline assessment should also be conducted in accordance with the *Guidance Protocol for School Site Pipeline Risk Analysis* (CDE 2007) as part of the PEA to evaluate potential hazards posed by the two high-volume water transmission pipelines beneath North Rose Avenue within 1,500 feet of the Site.

If some portion or all of the Site is developed by the RSD for other non K-12 school facility uses such as offices, Tetra Tech recommends that the RSD enter the Site into the DTSC Voluntary Cleanup Program (VCP) and submit the Phase I ESA report (Tetra Tech 2020a), Phase II ESA Report (Tetra Tech 2020b), and this Phase II ESA Addendum report to the DTSC for review. Again, it is likely that the DTSC will require that a Phase I ESA Update be performed to evaluate the potential for additional RECs to have impacted the Site following the completion of this report. Additional environmental assessment of the Site may be required by DTSC based on the results of the Phase I ESA Update report.

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8.0 DISCLAIMER

This report was compiled based partially on information supplied to Tetra Tech from outside sources and other information which is in the public domain. The conclusions and recommendations herein are based solely on the information Tetra Tech obtained in compiling the report. Documentation for the statements made in the report is on file at Tetra Tech's offices in Santa Barbara, California. Tetra Tech makes no warranty as to the accuracy of statements made by others which may be contained in the report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report, except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Since the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards that could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of client's obligation under local, state, or federal laws or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

Respectfully submitted,

TETRA TECH



James R. Steele
Project Manager

California Professional Geologist 5963
California Certified Engineering Geologist EG 1906
California Certified Hydrogeologist HG 247
Expiration date: May 31, 2023

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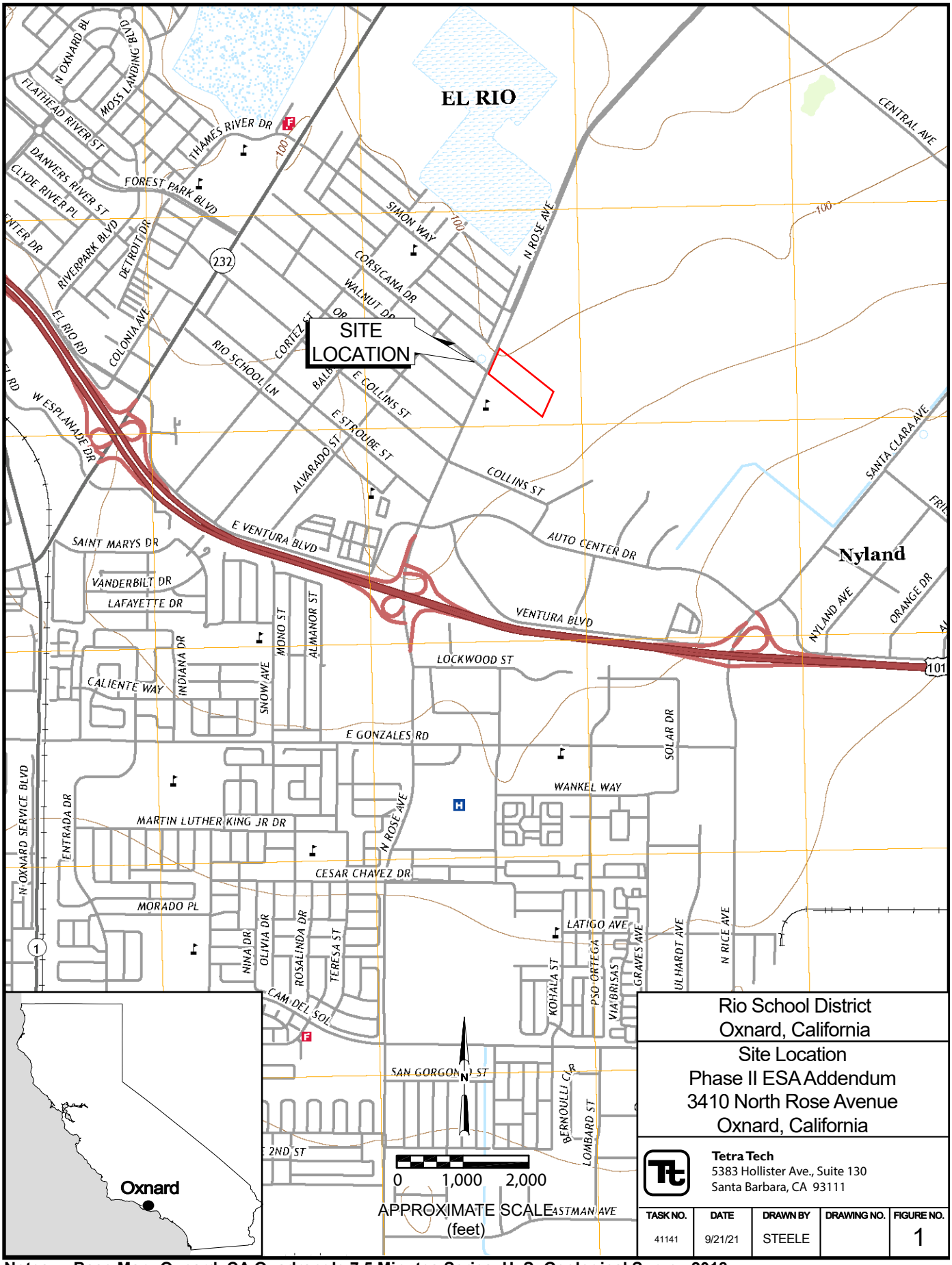
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FIGURES



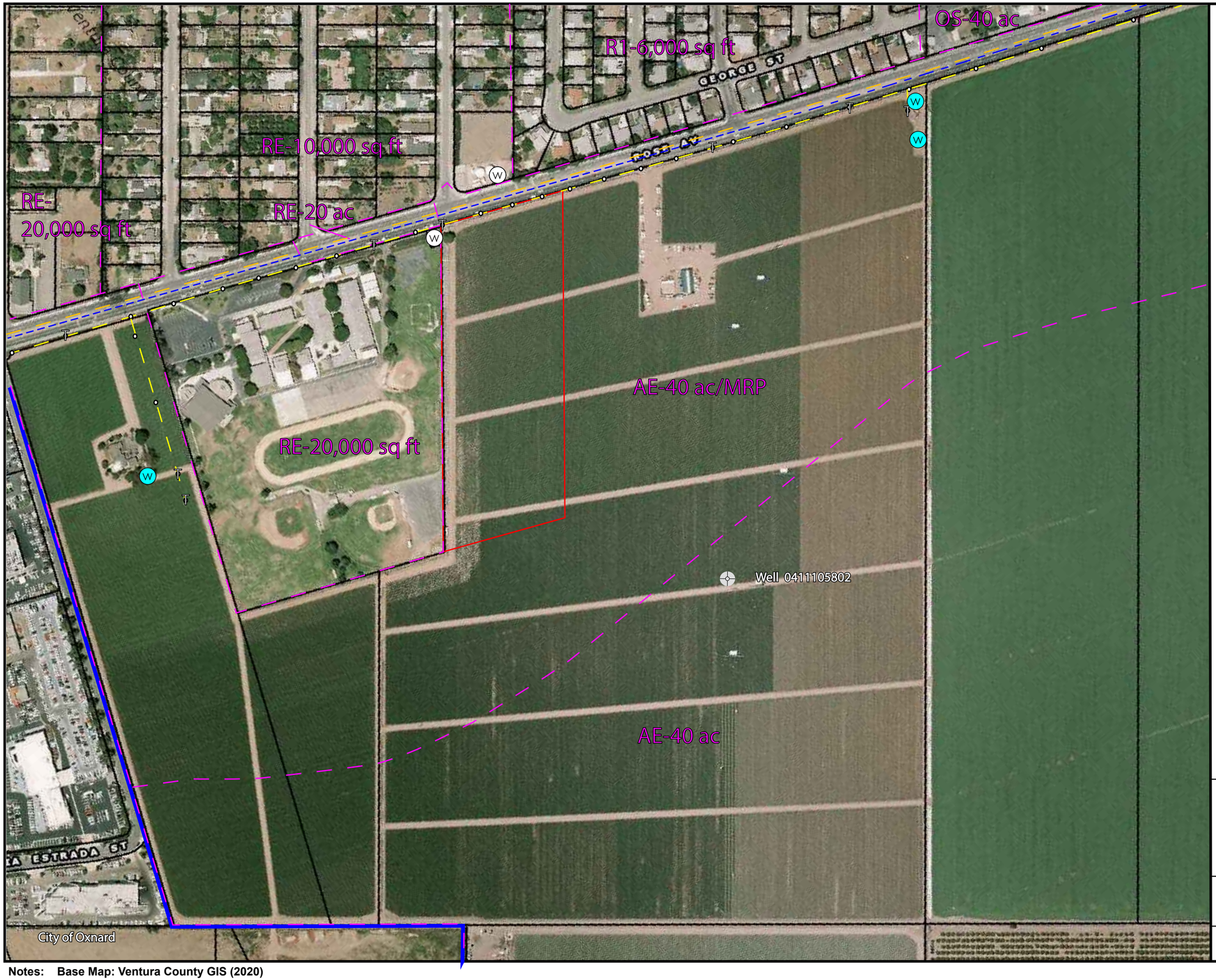
Rio School District
Oxnard, California

Site Location
Phase II ESA Addendum
3410 North Rose Avenue
Oxnard, California

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	DRAWING NO.	FIGURE NO.
41141	9/21/21	STEELE		1

Notes: **Base Map: Oxnard, CA Quadrangle 7.5 Minutes Series, U. S. Geological Survey 2018**



LEGEND

- Site Boundary
- Assessor's Parcel Boundary
- Zoning Area Boundary
- City of Oxnard Boundary
- Pole-Mounted Electrical Power Lines
- Pole-Mounted Electrical Transformer
- 16-inch OD Steel Water Pipeline (City of Oxnard)
- 36-inch OD Steel Water Pipeline (City of Oxnard)
- 42-inch OD Steel Water Pipeline (United Water Conservation District)
- KMS Industries, Inc. Water Well
- Water Well
- Plugged-Abandoned Oil Well

Zoning Classifications

AE	Agricultural Exclusive
MRP	Mineral Resosurce Protection
RE	Rural Exclusive
R1	Single Family Residential
OS	Open Space
ac	Acres
sq ft	Square Feet

0 150 300

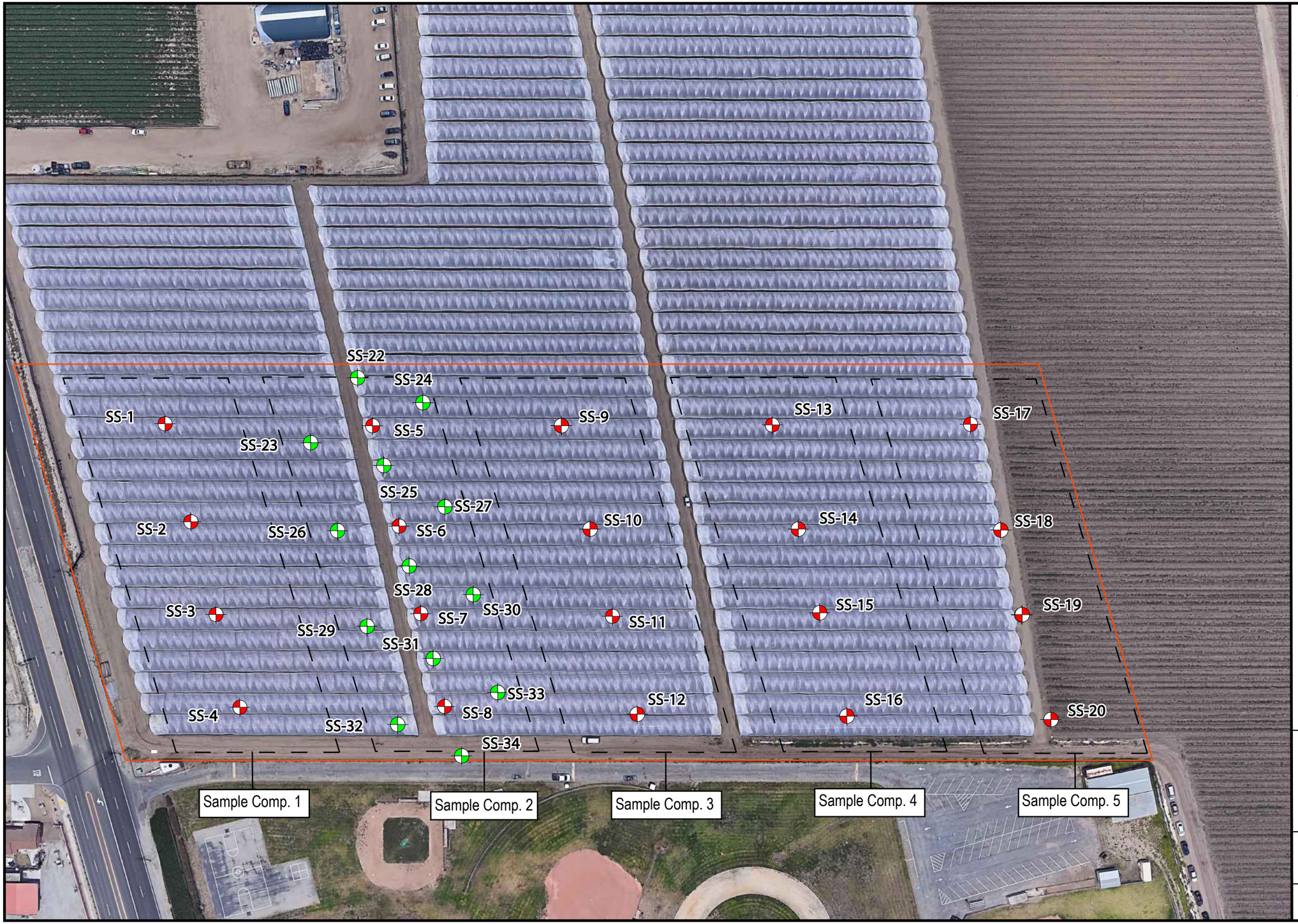
APPROXIMATE SCALE (feet)

SITE VICINITY MAP
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
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Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41141	9/21/21	STEELE	2

Notes: **Base Map: Ventura County GIS (2020)**



LEGEND

- Site Boundary
- Primary Soil Sample
- Step Out Soil Sample
- Composite Soil Sample Group

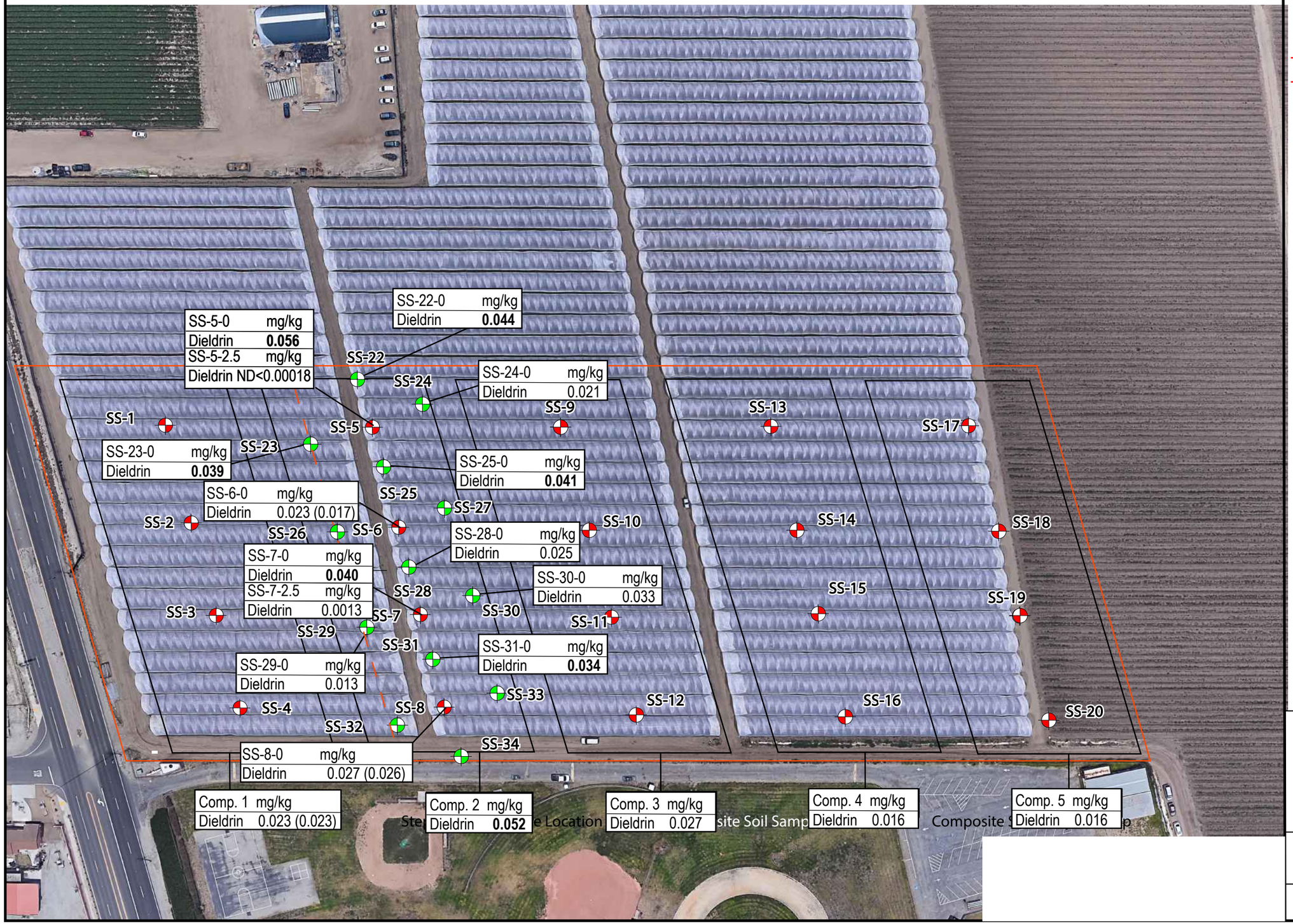
0 100 200

APPROXIMATE SCALE
(feet)

SOIL SAMPLE LOCATIONS
RIO DEL VALLE MIDDILE SCHOOL EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
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Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41141	2/25/21	STEELE	3



LEGEND

- Site Boundary
- Western Boundary of Bus Parking Lot Area
- Primary Soil Sample Location
- Step Out Soil Sample Location
- Composite Soil Sample Group

mg/kg Milligrams per Kilogram

ND Not Detected

Notes:
1. Duplicate Sample Results are shown in parentheses.
2. Results Shown in Boldface Type Exceed Relevant Screening Levels.

0 100 200

APPROXIMATE SCALE (feet)

DIELDRIN
SOIL SAMPLE RESULTS
RIO DEL VALLE MIDDILE SCHOOL
EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41141	2/25/21	STEELE	4



LEGEND

- Site Boundary
- Soil Sample
- mg/kg — Milligrams per Kilogram
- ND — Not Detected
- TPHd — Diesel Total Petroleum Hydrocarbon (C10 - C25)
- TPHc — Crude Oil Total Petroleum Hydrocarbon (C25 - C40)

Notes:
1. Duplicate Sample Results are shown in parentheses.
2. Results Shown in Boldface Type Exceed Relevant Screening Levels.

0 100 200
APPROXIMATE SCALE (feet)

TOTAL PETROLEUM HYDROCARBON SOIL SAMPLE RESULTS
RIO DEL VALLE MIDDILE SCHOOL EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41141	2/25/21	STEELE	5

TABLES

Table 1
Soil Sample Analysis Schedule
Phase II ESA Addendum
3410 North Rose Avenue
Oxnard, California

Target Compounds/Analytical Method	Sample Analysis Breakdown	Total Samples
Organochlorine Pesticides (OCPs) by EPA SW8081A	Samples SS-5-0, SS-5-2.5, SS-6-0, DUP-2 (duplicate sample for SS-6-0), SS-7-0, SS-7-2.5, SS-8-0, Dup-3 (duplicate sample for SS-8-0), SS-22-0, SS-23-0, SS-24-0, SS-25-0, SS-28-0, SS-29-0, SS-30-0, and SS-31-0.	16
Total Petroleum Hydrocarbons (TPH) as Diesel (TPHd) and TPH as crude oil (TPHc) by EPA Method SW8015B	Samples SS-1-2.5, SS-2-0, SS-2-2.5, SS-3-2.5, SS-4-0, SS-5.25, SS-6-0 Dup-2 (duplicate sample for SS-6-0), S-6-2.5, SS-7-2.5, SS-8.0, Dup-3 (duplicate sample for SS-8-0), SS-8-2.5, SS-9-2.5, Dup 4 (duplicate sample for SS-9-2.5) SS-11-2.5, SS-13-2.5, SS-17-2.5, SS-17-2.5, and SS-19-2.5.	19
MADEP-EPH-04 - MA EPH Aliphatics by MADEP-EPH-04	Samples SS-1-0, Dup-1 (duplicate sample for SS-1-0), SS-2-0, SS-3-0, SS-4-0, SS-5-0, SS-6-0, SS-7-0, and SS-8-0.	9
MADEP-EPH-04 - MA EPH Aromatics by MADEP-EPH-04	Samples SS-1-0, Dup-1 (duplicate sample for SS-1-0), SS-2-0, SS-3-0, SS-4-0, SS-5-0, SS-6-0, SS-7-0, and SS-8-0.	9

Table 2
Organochlorine Pesticides in Soil by EPA Method 8081A
Phase II ESA Addendum
3410 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID			SS-1 - SS-4	SS-1 - SS-4	SS-5 - SS-8	SS-9 - SS-12	SS-13 - SS-16	SS-17 - SS-20
Sample ID[a]			**Comp 1**	**Comp DUP 1**	**Comp 2**	**Comp 3**	**Comp 4**	**Comp 5**
Collection Date			**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**
Collection Depth			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Organochlorine Pesticide[a]	SL	Notes	Result	Result	Result	Result	Result	Result
4,4'-DDD (DDD)	1.9	b, d	0.0094	0.0072	0.024	0.013	0.0068	0.0068
4,4'-DDE (DDE)	2.0	c, d	0.11	0.084	0.27	0.16	0.091	0.091
4,4'-DDT (DDT)	1.9	c, d	0.027	0.022	0.049	0.027	0.017	0.017
Dieldrin	0.034	c, d	0.023	0.023	**0.052**	0.027	0.016	0.016
All other OCPs[e]			ND	ND	ND	ND	ND	ND

Location ID			SS-5	SS-5	SS-6	SS-6	SS-7	SS-7	SS-8	SS-8
Sample ID[a]			**SS-5-0[f]**	**SS-5-2.5[f, h]**	**SS-6-0[f]**	**Dup-2[f]**	**SS-7-0[f]**	**SS-7-2.5[f, g]**	**SS-8-0[f]**	**Dup-3[f]**
Collection Date			**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**
Collection Depth			**0.0**	**2.5**	**0.0**	**0.0**	**0.0**	**2.5**	**0.0**	**0.0**
Organochlorine Pesticide[a]	SL	Notes	Result	Result	Result	Result	Result	Result	Result	Result
4,4'-DDD (DDD)	1.9	d, f	0.050	ND<0.0032	0.0083	0.0059	0.013	ND<0.0032	0.010	0.010
4,4'-DDE (DDE)	2.0	e, f	0.40	0.0016	0.094	0.066	0.14	0.0029	0.11	0.12
4,4'-DDT (DDT)	1.9	e, f	0.069	ND<0.0025	0.023	0.016	0.041	0.0013	0.034	0.031
Dieldrin	0.034	e, f	**0.056**	NG<0.00018	0.023	0.017	**0. 040**	0.0013	0.027	0.026
All other OCPs[e]			ND	ND	ND	ND	ND	ND	ND	ND

Location ID			SS-22	SS-23	SS-24	SS-25	SS-28	SS-29	SS-30	SS-31
Sample ID			**SS-22-0[f, g]**	**SS-23-0[f, g]**	**SS-24-0[f, g]**	**SS-25-0[f, g]**	**SS-28-0[f, g]**	**SS-29-0[f, g]**	**SS-30-0[f, g]**	**SS-31-0[f, g]**
Collection Date			**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**
Collection Depth			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Organochlorine Pesticide[a]	SL	Notes	Result	Result	Result	Result	Result	Result	Result	Result
4,4'-DDD (DDD)	1.9	b, d	0.017	0.015	0.0082	0.019	0.0081	0.0038	0.0081	0.0081
4,4'-DDE (DDE)	2.0	c, d	0.29	0.19	0.12	0.17	0.086	0.042	0.087	0.10
4,4'-DDT (DDT)	1.9	c, d	0.022	0.030	0.020	0.031	0.015	0.012	0.015	0.021
Dieldrin	0.034	c, d	**0.044**	**0.039**	0.021	**0.041**	0.025	0.013	0.033	**0.034**
All other OCPs[e]			ND	ND	ND	ND	ND	ND	ND	ND

Notes:

a - Soil sample results are listed showing only the detected OCPs.

b - non carcinogenic

c - carcinogenic

d - SLs are the USEPA Region 9 Residential Soil Screening Level (USEPA 2021) as recommended by DTSC HHRA Note 3 (DTSC 2020).

e - The compound-specific MDLs and PQLs for analytes that were not detected are presented with the laboratory reports in Appendix A.

f - The detections and quantitation limits are raised due to sample dilution (see results in Appendix A).

g - Sample analyzed after holding time expired.

h - The detections and quantitation limits are raised due to matrix interferences (see results in Appendix A).

MDL - method detection limit

ND - not detected

OCP - Organochlorine Pesticide

PQL - practical quantitation limit

SL - Screening Level

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

The analyte concentrations in bold font exceed their relevant screening level.

Table 3
Total Petroleum Hydrocarbons in Soil by EPA Method 8015M
Phase II ESA Addendum
3410 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID			**SS-1**	**SS-1**	**SS-2**	**SS-2**	**SS-3**	**SS-3**	**SS-4**	**SS-5**	**SS-5**	**SS-5**	**SS-6**
Sample ID			**SS-1**	**SS-1-2.5**	**SS-2-0**	**SS-2-2.5**	**SS-3**	**SS-3-2.5**	**SS-4-0**	**SS-5**	**Soil Dupe 1**	**SS-5-2.5**	**SS-6-0**
Collation Date			**10/9/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**10/9/2020**	**12/4/2020**	**12/4/2020**	**10/9/2020**	**10/9/2020**	**12/4/2020**	**12/4/2020**
Collation Depth (feet bgs)			**0.0**	**2.5**	**0.0**	**2.5**	**0.0**	**2.5**	**0.0**	**0.0**	**0.0**	**2.5**	**0.0**
Constituent	SL	Notes	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
TPH as Diesel (C10-C25)	260	b, c	**4,800**	ND<2.2	ND<3.8	ND<2.2	**2,000**	ND<2.2	ND<2.2	**3,200**	**1,400**	ND<2.2	ND<2.2
TPH as Crude Oil (C25-C40)	1,600	b, c	**35,000**	ND<5.0	30	ND<5.0	**25,000**	ND<5.0	35	**19,000**	**23,000**	ND<5.0	27

Location ID			**SS-6**	**SS-6**	**SS-7**	**SS-7**	**SS-8**	**SS-8**	**SS-8**	**SS-9**	**SS-9**	**SS-9**	**SS-11**
Sample ID			**Dup-2**	**SS-6-2.5**	**SS-7**	**SS-7-2.5**	**SS-8-0**	**Dup-3**	**SS-8-2.5**	**SS-9**	**SS-9-2.5**	**Dup-4**	**SS-11**
Collation Date			**12/4/2020**	**12/4/2020**	**10/9/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**10/9/2020**	**12/4/2020**	**12/4/2020**	**10/9/2020**
Collation Depth (feet bgs)			**0.0**	**2.5**	**0.0**	**2.5**	**0.0**	**0.0**	**2.5**	**0.0**	**2.5**	**2.5**	**0.0**
Constituent	SL	Notes	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
TPH as Diesel (C10-C25)	260	b, c	ND<2.2	ND<2.2	**3,300**	ND<2.2	ND<4.3	ND<2.2	ND<2.2	**3,100**	ND<2.2	ND<2.2	**4,100**
TPH as Crude Oil (C25-C40)	1,600	b, c	29	ND<5.0	**28,000**	17	56	47	ND<5.0	**26,000**	16	ND<5.0	**28,000**

Location ID			**SS-11**	**SS-13**	**SS-13**	**SS-15**	**SS-17**	**SS-17**	**SS-17**	**SS-19**	**SS-19**
Sample ID			**SS-11-2.5**	**SS-13**	**SS-13-2.5**	**SS-15**	**SS-17[a,d]**	**Soil Dupe 2[a]**	**SS-17-2.5**	**SS-19**	**SS-19-2.5**
Collation Date			**12/4/2020**	**10/9/2020**	**12/4/2020**	**10/9/2020**	**10/9/2020**	**10/9/2020**	**12/4/2020**	**10/9/2020**	**12/4/2020**
Collation Depth (feet bgs)			**2.5**	**0.0**	**2.5**	**0.0**	**0.0**	**0.0**	**2.5**	**0.0**	**2.5**
Constituent	SL	Notes	Result	Result	Result	Result	Result	Result	Result	Result	Result
TPH as Diesel (C10-C25)	260	b, c	ND<2.2	**2,000**	ND<2.2	ND<2.2	**170,000**	**870,000**	ND<2.2	17	ND<2.2
TPH as Crude Oil (C25-C40)	1,600	b, c	ND<5.0	**24,000**	17	ND<5.0	**15,000**	**670,000**	ND<5.0	**81,000**	ND<5.0

Notes:

a - The detections and quantitation limis are raised due to sample dilution (see results in Appendix A).

b - non carcinogenic

c - SLs are the Tier 1 Residential Environmental Soil Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 2019).

bgs - below ground surface

d - The TPH as Diesel TPH as Crud Oil results for sample SS-17 were revised from those presented in the Phase II ESA report (Tetra Tech 2020b) to correct a laboratory reportiing error.

MDL - method detection limit

NA - not analyzed

ND - not detected

PQL - practical quantitation limit

SL - Screening Level

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

The analyte concentrations in bold font exceed their relevant screening level.

TPH- total petroleum hydrocarbons

Table 4
Extractable Petroleum Hydrocarbons in Soil by Massachusetts Department of Environmental Protection Method MADEP-EPH-04
Phase II ESA Addendum
3410 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID			**SS-1**	**SS-1**	**SS-2**	**SS-3**	**SS-4**	**SS-5**	**SS-6**	**SS-7**	**SS-8**
Sample ID			**SS-1-0**	**Dup-1**	**SS-2-0**	**SS-3-0**	**SS-4-0**	**SS-5-0**	**SS-6-0**	**SS-7-0**	**SS-8-0**
Collation Date			**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**	**12/4/2020**
Collation Depth (feet bgs)			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**
Constituent	SL	Notes	Result	Result	Result	Result	Result	Result	Result	Result	Result
C19-C36 Aliphatics	230,000	b, c	ND<12	ND<12	13	ND<12	ND<12	ND<12	ND<12	ND<13	ND<12
C9-C18 Aliphatics	96	b, c	ND<6.1	ND<6.2	ND<5.8	ND<6.2	ND<6.0	ND<6.1	ND<6.1	ND<6.6	ND<6.1
C11-C22 Aromatics (unadjusted)	97	b, c	ND<12	ND<13	ND<12	ND<13	ND<12	ND<12	ND<12	ND<13	ND<12
C11-C22 Aromatics (adjusted)	97	b, c	ND<12	ND<13	ND<12	ND<13	ND<12	ND<12	ND<12	ND<13	ND<12
PAHs[a]			ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

a - The compound-specific MDLs and RLs for analytes that were not detected are presented with the laboratory reports in Appendix A.

b - non carcinogenic

c - SLs are the USEPA Region 9 Soil Residential Soil Screening Level (USEPA 2021) as recommended by DTSC HHRA Note 3 (DTSC 2020).

bgs - below ground surface

MDL - Laboratory method detection limit

ND - not detected

PAHs - Polyaromatic Hydrocarbons

RL - Laboratory reporting limit

SL - Screening Level

Table 5
Exposure Point Concentration Summary - COPCs in Surface Soil Samples
Phase II ESA Addendum
3410 North Rose Avenue
Oxnard, California

Area	COPC	Depth	No. of Samples	No. of Detections	Range of Detections (mg/kg)	Maximum Detection (mg/kg)	Mean (mg/kg)	ProUCL (1) results		
								ProUCL Distribution	EPA Recommended Statistical Method	Exposure Point Concentration(2) (mg/kg)
Ten-acre Parcel	Dieldrin	0 - 6 inches	19.00	19.00	0.013 - 0.056	0.06	0.03	Normal	95% Student's-t UCL	0.03
	4,4'-DDD	0 - 6 inches	19.00	19.00	0.0038 - 0.05	0.05	0.01	--	--	max: 0.05
	4,4'-DDE	0 - 6 inches	19.00	19.00	0.042 - 0.4	0.40	0.14	--	--	max: 0.4
	4,4'-DDT	0 - 6 inches	19.00	19.00	0.012 - 0.069	0.07	0.03	--	--	max: 0.069

(1) ProUCL (EPA, 2016). Version 5.1

(2) Exposure Point Concentration (EPC) is EPA Recommended Upper Confidence Limit (UCL) from ProUCL ouput, unless otherwise noted.

Associated Samples			
SS-22-0	SS-29-0	SS-6-0	Comp 1
SS-23-0	SS-30-0	SS-6-0-Dup	Comp 1-Dup
SS-24-0	SS-31-0	SS-7-0	Comp 3
SS-25-0	SS-5-0	SS-8-0	Comp 4
SS-28-0		SS-8-0-Dup	Comp 5

Table 6
Estimated Risk for Potential Residential Exposures to Soil: Maximum Detections of COPCs
Phase II ESA Addendum
3410 North Rose Avenue
Oxnard, California

Chemical	Maximum Detection (mg/kg)[1]	Residential Soil Screening Levels (mg/kg)[2]		Residential Risk Screen	
		Carcinogenic	Non-carcinogenic	Estimated Risk[3]	Estimated Hazard Quotient[4]
Pesticides					
4,4'-DDD (DDD)	0.05	2.30	2	2.2E-08	0.026
4,4'-DDE (DDE)	0.4	2.0	23	2.0E-07	0.017
4,4'-DDT (DDT)	0.069	1.9	37	3.6E-08	0.002
Dieldrin	0.056	0.034	3.2	1.6E-06	0.018
	Estimated Cumulative Risk and Hazard Index[5]			2.E-06	0.06

Definitions:
mg/kg - milligrams per kilogram

Notes:
[1] Maximum detected concentration in surface soil samples (0-0.5 feet below ground surface). Sample list the listed concentration is maximum detected concentration.

[2] Listed screening levels are DTSC-Modified Soil Screening Levels, if available, or USEPA Region 9 Soil RSLs (USEPA 2018) as recommended by DTSC HHRA Note 3 (DTSC 2018).

[3] Estimated cancer risk = (soil concentration/cancer soil screening level) x 10^{-6}.

[4] Estimated hazard = (soil concentration/non-cancer soil screening level).

[5] Cumulative risk and hazard index represent the sum of chemical-specific cancer risks and hazard quotients.

Table 7
Estimated Risk for Potential Residential Exposures to Soil: Maximum Detections of COPCs Using 95% UCL for Dieldrin
Phase II ESA Addendum
3410 North Rose Avenue
Oxnard, California

Chemical	Maximum Detection (mg/kg)[1]	Residential Soil Screening Levels (mg/kg)[2]		Residential Risk Screen	
		Carcinogenic	Non-carcinogenic	Estimated Risk[3]	Estimated Hazard Quotient[4]
Pesticides					
4,4'-DDD (DDD)	0.05	2.3	1.9	2.2E-08	0.026
4,4'-DDE (DDE)	0.4	2.0	23	2.0E-07	0.017
4,4'-DDT (DDT)	0.069	1.9	37	3.6E-08	0.002
Dieldrin	0.0335	0.034	3.2	9.9E-07	0.010
	Estimated Cumulative Risk and Hazard Index[5]			1.E-06	0.06

Definitions:
mg/kg - milligrams per kilogram

Notes:
[1] Listed concentration for dieldrin is the 95% UCL calculated using USEPA's ProUCL software. For other COPCs, the listed concentration is maximum detected concentration.

[2] Listed screening levels are DTSC-Modified Soil Screening Levels, if available, or USEPA Region 9 Soil RSLs (USEPA 2018) as recommended by DTSC HHRA Note 3 (DTSC 2018).

[3] Estimated cancer risk = (soil concentration/cancer soil screening level) x 10^{-6}.

[4] Estimated hazard = (soil concentration/non-cancer soil screening level).

[5] Cumulative risk and hazard index represent the sum of chemical-specific cancer risks and hazard quotients.

A - LABORATORY REPORT

Date of Report: 01/18/2021

James R. Steele

Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Client Project:	[none]
BCL Project:	Rio School District Rose Ave MOT Facility
BCL Work Order:	2035739
Invoice ID:	B402820, B404023

Enclosed are the results of analyses for samples received by the laboratory on 12/7/2020. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supercedes Report ID 1001114170

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Stuart Buttram
Technical Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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Total Petroleum Hydrocarbons 45

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Total Petroleum Hydrocarbons 46

2035739-08 - SS-4-0

Total Petroleum Hydrocarbons 47

2035739-10 - SS-5-0

Organochlorine Pesticides (EPA Method 8081A) 48

2035739-11 - SS-5-2.5

Organochlorine Pesticides (EPA Method 8081A) 49
Total Petroleum Hydrocarbons 50

2035739-12 - SS-6-0

Organochlorine Pesticides (EPA Method 8081A) 51
Total Petroleum Hydrocarbons 52

2035739-13 - DUP-2

Organochlorine Pesticides (EPA Method 8081A) 53
Total Petroleum Hydrocarbons 54

2035739-14 - SS-6-2.5

Total Petroleum Hydrocarbons 55

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Total Petroleum Hydrocarbons 64

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Case Narrative

Sample Receipt

COC Number:

Samples received refrigerated to 1.5 °C

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Case Narrative

Sample List

Lab Number	Date/Time Sampled	Sample Name
2035739-01	12/04/2020 08:27	SS-1-0
2035739-02	12/04/2020 08:27	DUP-1
2035739-03	12/04/2020 08:33	SS-1-2.5
2035739-04	12/04/2020 08:43	SS-2.0
2035739-05	12/04/2020 08:50	SS-2-2.5
2035739-06	12/04/2020 08:57	SS-3-0
2035739-07	12/04/2020 09:03	SS-3-2.5
2035739-08	12/04/2020 09:12	SS-4-0
2035739-09	12/04/2020 09:16	SS-4-2.5
2035739-10	12/04/2020 09:47	SS-5-0
2035739-11	12/04/2020 09:50	SS-5-2.5
2035739-12	12/04/2020 10:35	SS-6-0
2035739-13	12/04/2020 10:35	DUP-2
2035739-14	12/04/2020 10:37	SS-6-2.5
2035739-15	12/04/2020 11:42	SS-7-0
2035739-16	12/04/2020 11:46	SS-7-2.5
2035739-17	12/04/2020 12:52	SS-8-0
2035739-18	12/04/2020 12:52	DUP-3
2035739-19	12/04/2020 12:56	SS-8-2.5
2035739-20	12/04/2020 14:34	SS-9-2.5
2035739-21	12/04/2020 14:34	Dup-4
2035739-22	12/04/2020 14:23	SS-11-2.5
2035739-23	12/04/2020 14:47	SS-13-2.5
2035739-24	12/04/2020 15:05	SS-17-2.5
2035739-25	12/04/2020 15:17	SS-19-2.5
2035739-26	12/04/2020 09:34	SS-22-0
2035739-27	12/04/2020 09:37	SS-22-2.5
2035739-28	12/04/2020 10:05	SS-23-0
2035739-29	12/04/2020 10:04	SS-23-2.5
2035739-30	12/04/2020 10:13	SS-24-0
2035739-31	12/04/2020 10:16	SS-24-2.5
2035739-32	12/04/2020 10:26	SS-25-0
2035739-33	12/04/2020 10:28	SS-25-2.5
2035739-34	12/04/2020 10:50	SS-26-0
2035739-35	12/04/2020 10:52	SS-26-2.5
2035739-36	12/04/2020 11:02	SS-27-0
2035739-37	12/04/2020 11:06	SS-27-2.5
2035739-38	12/04/2020 11:20	SS-28-0
2035739-39	12/04/2020 11:28	SS-28-2.5
2035739-40	12/04/2020 11:58	SS-29-0
2035739-41	12/04/2020 12:02	SS-29-2.5
2035739-42	12/04/2020 12:11	SS-30-0

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Case Narrative

Sample List

Lab Number	Date/Time Sampled	Sample Name
2035739-43	12/04/2020 12:15	SS-30-2.5
2035739-44	12/04/2020 12:25	SS-31-0
2035739-45	12/04/2020 12:39	SS-31-2.5
2035739-46	12/04/2020 13:24	SS-32
2035739-47	12/04/2020 13:30	SS-32-2.5
2035739-48	12/04/2020 13:44	SS-33-0
2035739-49	12/04/2020 13:47	SS-33-2.5
2035739-50	12/04/2020 14:01	SS-34-0
2035739-51	12/04/2020 14:09	SS-34-2.5

Requested Analysis

EPA-6010B (TTLC), EPA-8015B/TPHd, EPA-8015CC, EPA-8081A

Sample	Analyte	Flag

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Case Narrative

Sample Qualifier Summary

Sample		Analyte	Flag
2035739-04	EPA-8015B/TPHd	Diesel Range Organics (C12 - C24)	A52
2035739-04	EPA-8015CC	Crude Oil - C25 - C40	A55
2035739-08	EPA-8015B/TPHd	Diesel Range Organics (C12 - C24)	A52
2035739-08	EPA-8015CC	Crude Oil - C25 - C40	A55
2035739-10	EPA-8081A	Decachlorobiphenyl (Surrogate)	A17
2035739-11	EPA-8081A	Aldrin	A10
2035739-11	EPA-8081A	Aldrin	S15
2035739-11	EPA-8081A	alpha-BHC	A10
2035739-11	EPA-8081A	alpha-BHC	S15
2035739-11	EPA-8081A	beta-BHC	A10
2035739-11	EPA-8081A	beta-BHC	S15
2035739-11	EPA-8081A	delta-BHC	A10
2035739-11	EPA-8081A	delta-BHC	S15
2035739-11	EPA-8081A	gamma-BHC (Lindane)	A10
2035739-11	EPA-8081A	gamma-BHC (Lindane)	S15
2035739-11	EPA-8081A	Chlordane (Technical)	A10
2035739-11	EPA-8081A	Chlordane (Technical)	S15
2035739-11	EPA-8081A	4,4'-DDD	A10
2035739-11	EPA-8081A	4,4'-DDD	S15
2035739-11	EPA-8081A	4,4'-DDE	A10
2035739-11	EPA-8081A	4,4'-DDE	S15
2035739-11	EPA-8081A	4,4'-DDT	A10
2035739-11	EPA-8081A	4,4'-DDT	S15
2035739-11	EPA-8081A	Dieldrin	A10
2035739-11	EPA-8081A	Dieldrin	S15
2035739-11	EPA-8081A	Endosulfan I	A10
2035739-11	EPA-8081A	Endosulfan I	S15
2035739-11	EPA-8081A	Endosulfan II	A10
2035739-11	EPA-8081A	Endosulfan II	S15
2035739-11	EPA-8081A	Endosulfan sulfate	A10
2035739-11	EPA-8081A	Endosulfan sulfate	S15
2035739-11	EPA-8081A	Endrin	A10
2035739-11	EPA-8081A	Endrin	S15
2035739-11	EPA-8081A	Endrin aldehyde	A10
2035739-11	EPA-8081A	Endrin aldehyde	S15
2035739-11	EPA-8081A	Heptachlor	A10
2035739-11	EPA-8081A	Heptachlor	S15
2035739-11	EPA-8081A	Heptachlor epoxide	A10
2035739-11	EPA-8081A	Heptachlor epoxide	S15

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Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Case Narrative

Sample Qualifier Summary

Sample		Analyte	Flag
2035739-11	EPA-8081A	Methoxychlor	A10
2035739-11	EPA-8081A	Methoxychlor	S15
2035739-11	EPA-8081A	Toxaphene	A10
2035739-11	EPA-8081A	Toxaphene	S15
2035739-11	EPA-8081A	TCMX (Surrogate)	A10
2035739-11	EPA-8081A	TCMX (Surrogate)	S15
2035739-11	EPA-8081A	Decachlorobiphenyl (Surrogate)	A10
2035739-11	EPA-8081A	Decachlorobiphenyl (Surrogate)	S15
2035739-12	EPA-8015B/TPHd	Diesel Range Organics (C12 - C24)	A52
2035739-12	EPA-8015B/TPHd	Tetracosane (Surrogate)	S09
2035739-12	EPA-8015CC	Crude Oil - C25 - C40	A55
2035739-13	EPA-8015B/TPHd	Diesel Range Organics (C12 - C24)	A52
2035739-13	EPA-8015B/TPHd	Tetracosane (Surrogate)	S09
2035739-13	EPA-8015CC	Crude Oil - C25 - C40	A55
2035739-14	EPA-8015B/TPHd	Diesel Range Organics (C12 - C24)	A52
2035739-14	EPA-8015B/TPHd	Tetracosane (Surrogate)	S09
2035739-15	EPA-8081A	Decachlorobiphenyl (Surrogate)	A19
2035739-16	EPA-8015B/TPHd	Diesel Range Organics (C12 - C24)	A52
2035739-16	EPA-8015CC	Crude Oil - C25 - C40	A55
2035739-16	EPA-8081A	Aldrin	S15
2035739-16	EPA-8081A	alpha-BHC	S15
2035739-16	EPA-8081A	beta-BHC	S15
2035739-16	EPA-8081A	delta-BHC	S15
2035739-16	EPA-8081A	gamma-BHC (Lindane)	S15
2035739-16	EPA-8081A	Chlordane (Technical)	S15
2035739-16	EPA-8081A	4,4'-DDD	S15
2035739-16	EPA-8081A	4,4'-DDE	S15
2035739-16	EPA-8081A	4,4'-DDT	S15
2035739-16	EPA-8081A	Dieldrin	S15
2035739-16	EPA-8081A	Endosulfan I	S15
2035739-16	EPA-8081A	Endosulfan II	S15
2035739-16	EPA-8081A	Endosulfan sulfate	S15
2035739-16	EPA-8081A	Endrin	S15
2035739-16	EPA-8081A	Endrin aldehyde	S15
2035739-16	EPA-8081A	Heptachlor	S15
2035739-16	EPA-8081A	Heptachlor epoxide	S15
2035739-16	EPA-8081A	Methoxychlor	S15
2035739-16	EPA-8081A	Toxaphene	S15
2035739-16	EPA-8081A	TCMX (Surrogate)	S15

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Sample Qualifier Summary

Sample		Analyte	Flag
2035739-16	EPA-8081A	Decachlorobiphenyl (Surrogate)	S15
2035739-17	EPA-8015B/TPHd	Diesel Range Organics (C12 - C24)	A52
2035739-17	EPA-8015CC	Crude Oil - C25 - C40	A55
2035739-17	EPA-8081A	Decachlorobiphenyl (Surrogate)	A19
2035739-18	EPA-8015B/TPHd	Diesel Range Organics (C12 - C24)	A52
2035739-18	EPA-8015CC	Crude Oil - C25 - C40	A55
2035739-18	EPA-8081A	Decachlorobiphenyl (Surrogate)	A19
2035739-19	EPA-8015B/TPHd	Diesel Range Organics (C12 - C24)	A52
2035739-20	EPA-8015B/TPHd	Diesel Range Organics (C12 - C24)	A52
2035739-20	EPA-8015CC	Crude Oil - C25 - C40	A55
2035739-23	EPA-8015CC	Crude Oil - C25 - C40	A55
2035739-26	EPA-8081A	Aldrin	S15
2035739-26	EPA-8081A	alpha-BHC	S15
2035739-26	EPA-8081A	beta-BHC	S15
2035739-26	EPA-8081A	delta-BHC	S15
2035739-26	EPA-8081A	gamma-BHC (Lindane)	S15
2035739-26	EPA-8081A	Chlordane (Technical)	S15
2035739-26	EPA-8081A	4,4'-DDD	S15
2035739-26	EPA-8081A	4,4'-DDT	S15
2035739-26	EPA-8081A	Dieldrin	S15
2035739-26	EPA-8081A	Endosulfan I	S15
2035739-26	EPA-8081A	Endosulfan II	S15
2035739-26	EPA-8081A	Endosulfan sulfate	S15
2035739-26	EPA-8081A	Endrin	S15
2035739-26	EPA-8081A	Endrin aldehyde	S15
2035739-26	EPA-8081A	Heptachlor	S15
2035739-26	EPA-8081A	Heptachlor epoxide	S15
2035739-26	EPA-8081A	Methoxychlor	S15
2035739-26	EPA-8081A	Toxaphene	S15
2035739-26	EPA-8081A	TCMX (Surrogate)	S15
2035739-26	EPA-8081A	Decachlorobiphenyl (Surrogate)	S15
2035739-26RE1	EPA-8081A	4,4'-DDE	S15
2035739-28	EPA-8081A	Aldrin	S15
2035739-28	EPA-8081A	alpha-BHC	S15
2035739-28	EPA-8081A	beta-BHC	S15
2035739-28	EPA-8081A	delta-BHC	S15
2035739-28	EPA-8081A	gamma-BHC (Lindane)	S15
2035739-28	EPA-8081A	Chlordane (Technical)	S15
2035739-28	EPA-8081A	4,4'-DDD	S15

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Project Number: [none]
Project Manager: James R. Steele

Case Narrative

Sample Qualifier Summary

Sample		Analyte	Flag
2035739-28	EPA-8081A	4,4'-DDT	S15
2035739-28	EPA-8081A	Dieldrin	S15
2035739-28	EPA-8081A	Endosulfan I	S15
2035739-28	EPA-8081A	Endosulfan II	S15
2035739-28	EPA-8081A	Endosulfan sulfate	S15
2035739-28	EPA-8081A	Endrin	S15
2035739-28	EPA-8081A	Endrin aldehyde	S15
2035739-28	EPA-8081A	Heptachlor	S15
2035739-28	EPA-8081A	Heptachlor epoxide	S15
2035739-28	EPA-8081A	Methoxychlor	S15
2035739-28	EPA-8081A	Toxaphene	S15
2035739-28	EPA-8081A	TCMX (Surrogate)	S15
2035739-28	EPA-8081A	Decachlorobiphenyl (Surrogate)	S15
2035739-28RE1	EPA-8081A	4,4'-DDE	S15
2035739-30	EPA-8081A	Aldrin	S15
2035739-30	EPA-8081A	alpha-BHC	S15
2035739-30	EPA-8081A	beta-BHC	S15
2035739-30	EPA-8081A	delta-BHC	S15
2035739-30	EPA-8081A	gamma-BHC (Lindane)	S15
2035739-30	EPA-8081A	Chlordane (Technical)	S15
2035739-30	EPA-8081A	4,4'-DDD	S15
2035739-30	EPA-8081A	Endosulfan I	S15
2035739-30	EPA-8081A	Endosulfan II	S15
2035739-30	EPA-8081A	Endosulfan sulfate	S15
2035739-30	EPA-8081A	Endrin	S15
2035739-30	EPA-8081A	Endrin aldehyde	S15
2035739-30	EPA-8081A	Heptachlor	S15
2035739-30	EPA-8081A	Heptachlor epoxide	S15
2035739-30	EPA-8081A	Methoxychlor	S15
2035739-30	EPA-8081A	Toxaphene	S15
2035739-30	EPA-8081A	TCMX (Surrogate)	S15
2035739-30	EPA-8081A	Decachlorobiphenyl (Surrogate)	A20
2035739-30	EPA-8081A	Decachlorobiphenyl (Surrogate)	S15
2035739-30RE1	EPA-8081A	4,4'-DDE	S15
2035739-30RE1	EPA-8081A	4,4'-DDT	S15
2035739-30RE1	EPA-8081A	Dieldrin	S15
2035739-32	EPA-8081A	Aldrin	S15
2035739-32	EPA-8081A	alpha-BHC	S15
2035739-32	EPA-8081A	beta-BHC	S15

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Project Number: [none]
Project Manager: James R. Steele

Case Narrative

Sample Qualifier Summary

Sample		Analyte	Flag
2035739-32	EPA-8081A	delta-BHC	S15
2035739-32	EPA-8081A	gamma-BHC (Lindane)	S15
2035739-32	EPA-8081A	Chlordane (Technical)	S15
2035739-32	EPA-8081A	4,4'-DDD	S15
2035739-32	EPA-8081A	4,4'-DDT	S15
2035739-32	EPA-8081A	Dieldrin	S15
2035739-32	EPA-8081A	Endosulfan I	S15
2035739-32	EPA-8081A	Endosulfan II	S15
2035739-32	EPA-8081A	Endosulfan sulfate	S15
2035739-32	EPA-8081A	Endrin	S15
2035739-32	EPA-8081A	Endrin aldehyde	S15
2035739-32	EPA-8081A	Heptachlor	S15
2035739-32	EPA-8081A	Heptachlor epoxide	S15
2035739-32	EPA-8081A	Methoxychlor	S15
2035739-32	EPA-8081A	Toxaphene	S15
2035739-32	EPA-8081A	TCMX (Surrogate)	S15
2035739-32	EPA-8081A	Decachlorobiphenyl (Surrogate)	S15
2035739-32RE1	EPA-8081A	4,4'-DDE	S15
2035739-38	EPA-8081A	Aldrin	S15
2035739-38	EPA-8081A	alpha-BHC	S15
2035739-38	EPA-8081A	beta-BHC	S15
2035739-38	EPA-8081A	delta-BHC	S15
2035739-38	EPA-8081A	gamma-BHC (Lindane)	S15
2035739-38	EPA-8081A	Chlordane (Technical)	S15
2035739-38	EPA-8081A	4,4'-DDD	S15
2035739-38	EPA-8081A	Endosulfan I	S15
2035739-38	EPA-8081A	Endosulfan II	S15
2035739-38	EPA-8081A	Endosulfan sulfate	S15
2035739-38	EPA-8081A	Endrin	S15
2035739-38	EPA-8081A	Endrin aldehyde	S15
2035739-38	EPA-8081A	Heptachlor	S15
2035739-38	EPA-8081A	Heptachlor epoxide	S15
2035739-38	EPA-8081A	Methoxychlor	S15
2035739-38	EPA-8081A	Toxaphene	S15
2035739-38	EPA-8081A	TCMX (Surrogate)	S15
2035739-38	EPA-8081A	Decachlorobiphenyl (Surrogate)	S15
2035739-38RE1	EPA-8081A	4,4'-DDE	S15
2035739-38RE1	EPA-8081A	4,4'-DDT	S15
2035739-38RE1	EPA-8081A	Dieldrin	S15

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Case Narrative

Sample Qualifier Summary

Sample		Analyte	Flag
2035739-40	EPA-8081A	Aldrin	S15
2035739-40	EPA-8081A	alpha-BHC	S15
2035739-40	EPA-8081A	beta-BHC	S15
2035739-40	EPA-8081A	delta-BHC	S15
2035739-40	EPA-8081A	gamma-BHC (Lindane)	S15
2035739-40	EPA-8081A	Chlordane (Technical)	S15
2035739-40	EPA-8081A	4,4'-DDD	S15
2035739-40	EPA-8081A	4,4'-DDE	S15
2035739-40	EPA-8081A	4,4'-DDT	S15
2035739-40	EPA-8081A	Dieldrin	S15
2035739-40	EPA-8081A	Endosulfan I	S15
2035739-40	EPA-8081A	Endosulfan II	S15
2035739-40	EPA-8081A	Endosulfan sulfate	S15
2035739-40	EPA-8081A	Endrin	S15
2035739-40	EPA-8081A	Endrin aldehyde	S15
2035739-40	EPA-8081A	Heptachlor	S15
2035739-40	EPA-8081A	Heptachlor epoxide	S15
2035739-40	EPA-8081A	Methoxychlor	S15
2035739-40	EPA-8081A	Toxaphene	S15
2035739-40	EPA-8081A	TCMX (Surrogate)	S15
2035739-40	EPA-8081A	Decachlorobiphenyl (Surrogate)	S15
2035739-42	EPA-8081A	Aldrin	S15
2035739-42	EPA-8081A	alpha-BHC	S15
2035739-42	EPA-8081A	beta-BHC	S15
2035739-42	EPA-8081A	delta-BHC	S15
2035739-42	EPA-8081A	gamma-BHC (Lindane)	S15
2035739-42	EPA-8081A	Chlordane (Technical)	S15
2035739-42	EPA-8081A	4,4'-DDD	S15
2035739-42	EPA-8081A	Endosulfan I	S15
2035739-42	EPA-8081A	Endosulfan II	S15
2035739-42	EPA-8081A	Endosulfan sulfate	S15
2035739-42	EPA-8081A	Endrin	S15
2035739-42	EPA-8081A	Endrin aldehyde	S15
2035739-42	EPA-8081A	Heptachlor	S15
2035739-42	EPA-8081A	Heptachlor epoxide	S15
2035739-42	EPA-8081A	Methoxychlor	S15
2035739-42	EPA-8081A	Toxaphene	S15
2035739-42	EPA-8081A	TCMX (Surrogate)	S15
2035739-42	EPA-8081A	Decachlorobiphenyl (Surrogate)	S15

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Case Narrative

Sample		Analyte	Flag
Sample Qualifier Summary			
2035739-42RE1	EPA-8081A	4,4'-DDE	S15
2035739-42RE1	EPA-8081A	4,4'-DDT	S15
2035739-42RE1	EPA-8081A	Dieldrin	S15
2035739-44	EPA-8081A	Aldrin	S15
2035739-44	EPA-8081A	alpha-BHC	S15
2035739-44	EPA-8081A	beta-BHC	S15
2035739-44	EPA-8081A	delta-BHC	S15
2035739-44	EPA-8081A	gamma-BHC (Lindane)	S15
2035739-44	EPA-8081A	Chlordane (Technical)	S15
2035739-44	EPA-8081A	4,4'-DDD	S15
2035739-44	EPA-8081A	Endosulfan I	S15
2035739-44	EPA-8081A	Endosulfan II	S15
2035739-44	EPA-8081A	Endosulfan sulfate	S15
2035739-44	EPA-8081A	Endrin	S15
2035739-44	EPA-8081A	Endrin aldehyde	S15
2035739-44	EPA-8081A	Heptachlor	S15
2035739-44	EPA-8081A	Heptachlor epoxide	S15
2035739-44	EPA-8081A	Methoxychlor	S15
2035739-44	EPA-8081A	Toxaphene	S15
2035739-44	EPA-8081A	TCMX (Surrogate)	S15
2035739-44	EPA-8081A	Decachlorobiphenyl (Surrogate)	S15
2035739-44RE1	EPA-8081A	4,4'-DDE	S15
2035739-44RE1	EPA-8081A	4,4'-DDT	S15
2035739-44RE1	EPA-8081A	Dieldrin	S15

Holding Times

All holding time requirements were met.

Method Blanks

There were no detections in the Method Blank(s).

Matrix Spikes

B095471-MS1	EPA-8081A	Aldrin	Q03
B095471-MS1	EPA-8081A	Heptachlor	Q03
B095471-MSD1	EPA-8081A	Aldrin	Q03

LCS

The LCS recoveries are within QC limits.

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Project Manager: James R. Steele

Case Narrative

Discussion

Client submitted a revised coc for running analysis on X3 samples, informed client past hold, ok to proceed. Revised coc attached under misc docs in report.
Client stated to run:

Please analyze samples SS-5-2.5, SS-7-2.5, SS-22-0, SS-23-0, SS-24-0, SS-25-0, SS-28-0, SS-29-0, SS-30-0, and SS-31-0 for OCPs using method EPA 8081.

Summary of Flags

A10	Detection and quantitation limits were raised due to matrix interference.
A17	Surrogate not reportable due to sample dilution.
A19	Surrogate is high due to matrix interference. Interferences verified through second extraction/analysis.
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
A52	Chromatogram not typical of diesel.
A55	Chromatogram not typical of crude oil.
Q03	Matrix spike recovery(s) was(were) not within the control limits.
S09	The surrogate recovery for this compound was not within the control limits.
S15	Client added sample after holding time expiration date.

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Chain of Custody and Cooler Receipt Form for 2035739 Page 1 of 14

-CH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

20-35739

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 1 of 6

CLIENT/PROJECT INFORMATION
Client: Rin School District
Project Name: Rio School District Rose Avenue Facility Phase II Add.
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number:

SAMPLERS
Sampler's Name: Paige Sawyer
Sampler's Signature:
Sampler 2:

LABORATORY
Lab Name: BC Laboratories, Inc.
Lab Contact: Alin Repede
Email: alin.repede@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number
PO Number

SPECIAL INSTRUCTIONS/COMMENTS
X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results.
X2 = hold analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results.
X3 = hold OCP analysis pending pending authorization from Tetra Tech following receipt of associated surface soil sample results.

SAMPLE DETAILS

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Composite)	Number of Containers	ANALYSIS: EPA 8081 Organochlorine Pesticides (OCPs) N None	EPA-8015B/TPHd (Diesel) N None	EPA-8015CC (Crude Oil Ranges) N None	MADEP-EPH-04 - MA EPH Alphatics N None	MADEP-EPH-04 - MA EPH Aromatics N None	Remarks	Filtered Preserved
SS-1-0 -1	12/4/2020	0827	S	D	1				X	X		
Dup-1 -2	12/4/2020	0837	S	D	1				X	X		
SS-1-2.5 -3	12/4/2020	0833	S	D	2		X	X	X1	X1	1 jar for TPH, 1 jar for EPH, see Special Instructions/Comments above.	
SS-2-0 -4	12/4/2020	0843	S	D	2		X	X	X	X	1 jar for TPH, 1 jar for EPH	
SS-2-2.5 -5	12/4/2020	0850	S	D	2		X	X	X1	X1	1 jar for TPH, 1 jar for EPH, see Special Instructions/Comments above.	
SS-3-0 -6	12/4/2020	0857	S	D	1				X	X		
SS-3-2.5 -7	12/4/2020	0903	S	D	2		X	X	X1	X1	1 jar for TPH, 1 jar for EPH, see Special Instructions/Comments above.	
SS-4-0 -8	12/4/2020	0912	S	D	2		X	X	X	X	1 jar for TPH, 1 jar for EPH	
SS-4-2.5 -9	12/4/2020	0916	S	D	2		X2	X2	X1	X1	1 jar for TPH, 1 jar for EPH, see Special Instructions/Comments above.	
SS-5-0 -10	12/4/2020	0947	S	D	2	X			X	X	1 jar for OCPs, 1 jar for EPH	

Cooler Count: Cooler Temp:

CHK BY DISTRIBUTION
SUB OUT

RELINQUISHED BY/AFFILIATION DATE/TIME
ACCEPTED BY/AFFILIATION DATE/TIME

Total Containers Page 1 = Total Containers
12/7/20 0930
12-7-20 2130
12/7/20 1550

Chain of Custody and Cooler Receipt Form for 2035739 Page 2 of 14

TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

COC ID: SDG: 20-35739 TURNAROUND TIME: Standard PAGE: 2 of 6

CLIENT/PROJECT INFORMATION

Client: Rio School District
Project Name: Rio School District Rose Avenue MOT Facility
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number:

SAMPLERS

Sampler's Name: Paige Kenna
Sampler's Signature:
Sampler 2:

LABORATORY

Lab Name: BC Laboratories, Inc.
Lab Contact: Alin Repede
Email: alin.repede@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number
PO Number

SPECIAL INSTRUCTIONS/COMMENTS

X1 = 3oM EPH analysis pending authorization from Tetra Tech following receipt of TPH results.
X2 = 3oM TPHd and TPHr analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results.
X3 = hold OCP analysis pending pending authorization from Tetra Tech following receipt of associated surface soil sample results.

SAMPLE DETAILS

ANALYSIS REQUESTED

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	EPA 8081 Organochlorine Pesticides (OCPs)	EPA-8015B/TPHd (Diesel)	EPA-8015CC (Crude Oil Ranges)	MADEP-EPH-04 - MA EPH Alphatics	MADEP-EPH-04 - MA EPH Aromatics	Remarks
						N / None	N / None	N / None	N / None	N / None	
SS-5-2.5 -11	12/4/2020	0950	S	D	2	X3	X	X	X1	X1	1 jar for TPH and OCPs, 1 jar for EPH, see Special Instructions/Comments above.
SS-6-0 -12	12/4/2020	1035	S	D	2	X	X	X	X	X	1 jar for TPH and OCPs, 1 jar for EPH
Dup-2 -13	12/4/2020	1035	S	D	1	X	X	X			
SS-6-2.5 -14	12/4/2020	1037	S	D	2	X3	X	X	X1	X1	1 jar for TPH and OCPs, 1 jar for EPH, see Special Instructions/Comments above.
SS-7-0 -15	12/4/2020	1142	S	D	2	X		X	X	X	1 jar for TPH and OCPs, 1 jar for EPH
SS-7-2.5 -16	12/4/2020	1146	S	D	2	X3	X	X	X1	X1	1 jar for TPH and OCPs, 1 jar for EPH, see Special Instructions/Comments above
SS-8-0 -17	12/4/2020	1252	S	D	2	X	X	X	X	X	1 jar for TPH and OCPs, 1 jar for EPH
Dup-3 -18	12/4/2020	1252	S	D	1	X	X	X			
SS-8-2.5 -19	12/4/2020	1256	S	D	2	X3	X	X	X1	X1	1 jar for TPH and OCPs, 1 jar for EPH, see Special Instructions/Comments above
SS-9-2.5 -20	12/4/2020	1434	S	D	1		X	X			

Cooler Count: Cooler Temp

Total Container Page #: 17 Total Container: 55

RELINQUISHED BY/AFFILIATION **DATE/TIME**

12/4/20 1640

12/7/20 2130

ACCEPTED BY/AFFILIATION **DATE/TIME**

12/4/20 1640

12/7/20 1650

12-7-20 2130

Chain of Custody and Cooler Receipt Form for 2035739 Page 3 of 14

TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

COC ID: SDG: 20 35739 TURNAROUND TIME: Standard PAGE: 3 of 6

CLIENT/PROJECT INFORMATION

Client: Rio School District
Project Name: Rio School District Rose Avenue MOT Facility
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number:

LABORATORY

Lab Name: BC Laboratories, Inc.
Lab Contact: Alin Repede
Email: alin.repede@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number:
PO Number:

SPECIAL INSTRUCTIONS/COMMENTS

X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results.
X2 = hold TPHd and TPHc analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results.
X3 = hold OCP analysis pending pending authorization from Tetra Tech following receipt of associated surface soil sample results.

SAMPLERS

Sampler's Name: Paige Sreedya
Sampler's Signature:
Sampler 2:

SAMPLE DETAILS

ANALYSIS REQUESTED

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	EPA 8081 (OCPs)	EPA 6010B (Total Arsenic)	EPA 8015B TPH (C12-C40)	EPA 8270C (SVOCs)	EPA 8270C - SIM (PNAs)	EPA 8082 (PCBs)	Remarks
						None	None	None	None	None	None	
Dup-4	12/4/2020	1434	S	D	1		X	X				
SS-11-2.5 -24	12/4/2020	1423	S	D	1		X	X				
SS-13-2.5 -23	12/4/2020	1447	S	D	1		X	X				
SS-17-2.5 -24	12/4/2020	1505	S	D	1		X	X				
SS-19-2.5 -25	12/4/2020	1517	S	D	1		X	X				
SS-22-0 ✓ -26	12/4/2020	0934	S	D	1	X3						See Special Instructions/Comments above.
SS-22-2.5 ✓ -27	12/4/2020	0937	S	D	1	X3						See Special Instructions/Comments above.
SS-23-0 -28	12/4/2020	1005	S	D	1	X3						See Special Instructions/Comments above.
SS-23-2.5 -29	12/4/2020	1004	S	D	1	X3						See Special Instructions/Comments above.
SS-24-0 -30	12/4/2020	1012	S	D	1	X3						See Special Instructions/Comments above.

Cooler Count: Cooler Temp: Total Container Page 3 = 10 Total Containers = 10

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
	12/4/20		12/4/20 1640
	12/4/20 1640		12/7/20 1550

12-7-20 2130

Chain of Custody and Cooler Receipt Form for 2035739 Page 4 of 14

TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

COC ID: SDG: 20 35739 TURNAROUND TIME: Standard PAGE: 4 of 6

CLIENT/PROJECT INFORMATION

Client: Rio School District
Project Name: Rio School District Rose Avenue MOT Facility
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number:

SAMPLERS

Sampler's Name: Paige Seaways
Sampler's Signature:
Sampler 2:

LABORATORY

Lab Name: BC Laboratories, Inc.
Lab Contact: Alin Repede
Email: alin.repede@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7666
Quote Number:
PO Number:

SPECIAL INSTRUCTIONS/COMMENTS

X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results.
X2 = hold TPHd and TPHc analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results.
X3 = hold OCP analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results.

SAMPLE DETAILS / **ANALYSIS REQUESTED**

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	EPA 8081 (OCPs) Note	EPA 6010B (Total Arsenic) Note	EPA 8015B TPH (C12-C40) Note	EPA 8270C (SVOCs) Note	EPA 8270C - SIM (PNAs) Note	EPA 8082 (PCBs) Note	Remarks	Filtered	Preservative
SS-24-2.5 - 31	12/4/2020	1016	S	D	1	X3						See Special Instructions/Comments above.		
SS-25-0 - 32	12/4/2020	1026	S	D	1	X3						See Special Instructions/Comments above.		
SS-25-2.5 - 33	12/4/2020	1028	S	D	1	X3						See Special Instructions/Comments above.		
SS-26-0 - 34	12/4/2020	1050	S	D	1	X3						See Special Instructions/Comments above.		
SS-26-2.5 - 35	12/4/2020	1052	S	D	1	X3						See Special Instructions/Comments above.		
SS-27-0 - 36	12/4/2020	1102	S	D	1	X3						See Special Instructions/Comments above.		
SS-27-2.5 - 37	12/4/2020	1106	S	D	1	X3						See Special Instructions/Comments above.		
SS-28-0 - 38	12/4/2020	1120	S	D	1	X3						See Special Instructions/Comments above.		
SS-28-2.5 - 39	12/4/2020	1128	S	D	1	X3						See Special Instructions/Comments above.		
SS-29-0 - 40	12/4/2020	1158	S	D	1	X3						See Special Instructions/Comments above.		

Cooler Count: Cooler Temp: Total Containers: 10

RELINQUISHED BY/AFFILIATION / **DATE/TIME** / **ACCEPTED BY/AFFILIATION** / **DATE/TIME**

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
	12/4/20 1016		12/4/20 1640
	12/4/20 1640		
	12/7/20 1550		

12-7-20 2.5°C

Chain of Custody and Cooler Receipt Form for 2035739 Page 5 of 14

TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

COC ID: 20-35739 SDG: TURNAROUND TIME: Standard PAGE: 5 of 6

CLIENT/PROJECT INFORMATION

Client: Rio School District
Project Name: Rin School District Rose Avenue MOT Facility
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number:

SAMPLERS

Sampler's Name: Paige Spence
Sampler's Signature:
Sampler 2:

LABORATORY

Lab Name: BC Laboratories, Inc.
Lab Contact: Alla Repede
Email: alla.repede@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number
PO Number

SPECIAL INSTRUCTIONS/COMMENTS

X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results.
X2 = hold TPHd and TPHs analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results.
X3 = hold OCP analysis pending pending authorization from Tetra Tech following receipt of associated surface soil sample results.

SAMPLE DETAILS — **ANALYSIS REQUESTED**

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=discrete, C=Comp)	Number of Containers	EPA 8081 (OCPs)	EPA 6010B (Total Arsenic)	EPA 8015B TPH (C12-C40)	EPA 8270C (SVOCs)	EPA 8270C - SIM (PNAs)	EPA 8082 (PCBs)	Remarks
						N / None	N / None	N / None	N / None	N / None	N / None	
SS-29-2.5 -41	12/4/2020	1207	S	D	1	X3						See Special Instructions/Comments above.
SS-30-0 -42	12/4/2020	1241	S	D	1	X3						See Special Instructions/Comments above.
SS-30-2.5 -43	12/4/2020	1215	S	D	1	X3						See Special Instructions/Comments above.
SS-31-0 -44	12/4/2020	1225	S	D	1	X3						See Special Instructions/Comments above.
SS-31-2.5 -45	12/4/2020	1239	S	D	1	X3						See Special Instructions/Comments above.
SS-32-0 -46	12/4/2020	1324	S	D	1	X3						See Special Instructions/Comments above.
SS-32-2.5 -47	12/4/2020	1330	S	D	1	X3						See Special Instructions/Comments above.
SS-33-0 -48	12/4/2020	1344	S	D	1	X3						See Special Instructions/Comments above.
SS-33-2.5 -49	12/4/2020	1347	S	D	1	X3						See Special Instructions/Comments above.
SS-34-0 -50	12/4/2020	1401	S	D	1	X3						See Special Instructions/Comments above.
Cooler Count		Cooler Temp										

Total Containers: 10 Total Coolers: 1

RELINQUISHED BY/AFFILIATION — **DATE/TIME**

12/4/20 1640

ACCEPTED BY/AFFILIATION — **DATE/TIME**

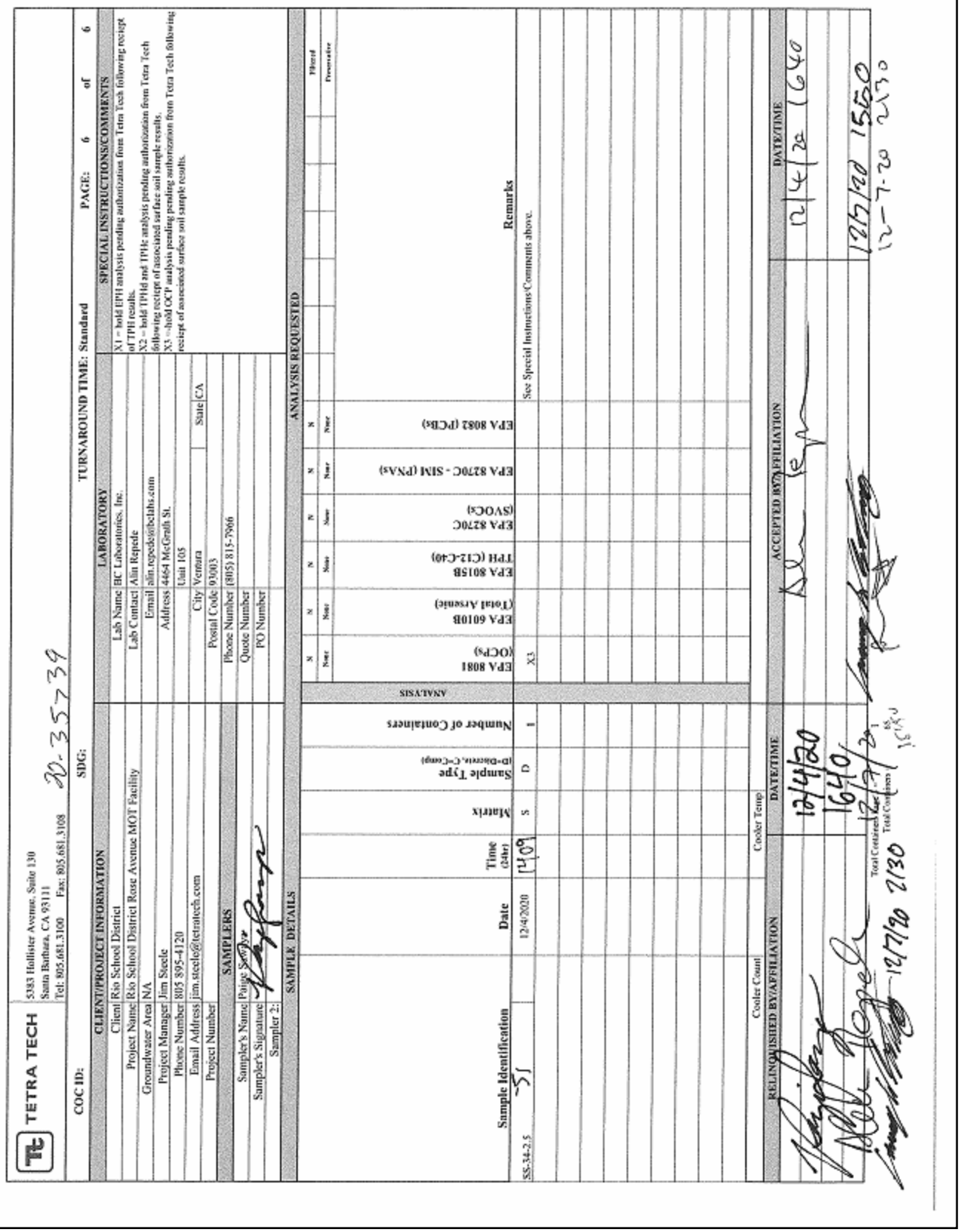
12/4/20 16 4C

12/7/20 1580

12-7-20 2130

12/7/20 2130

Chain of Custody and Cooler Receipt Form for 2035739 Page 6 of 14



TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

COC ID: SDG: 20-35739 TURNAROUND TIME: Standard PAGE: 6 of 6

CLIENT/PROJECT INFORMATION
Client: Rio School District
Project Name: Rio School District Rose Avenue MOT Facility
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 395-4120
Email Address: jim.steele@tetratech.com
Project Number:

SAMPLERS
Sampler's Name: Paige Sawyer
Sampler's Signature:
Sampler 2:

LABORATORY
Lab Name: BC Laboratories, Inc.
Lab Contact: Allin Repede
Email: allin.repede@bclabs.com
Address: 4464 McGrath St. Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number:
PO Number:

SPECIAL INSTRUCTIONS/COMMENTS
X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results.
X2 = hold TPHd and TPHo analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results.
X3 = hold OCP analysis pending pending authorization from Tetra Tech following receipt of associated surface soil sample results.

SAMPLE DETAILS

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	ANALYSIS REQUESTED: EPA 8081 (OCPs) X3	EPA 6010B (Total Arsenic)	EPA 8015B TPH (C12-C40)	EPA 8270C (SVOCs)	EPA 8270C - SIM (PNAs)	EPA 8082 (PCBs)	Remarks
SS-34-2.5	12/4/2020	1409	S	D	1							See Special Instructions/Comments above.

Cooler Count Cooler Temp

RELINQUISHED BY/AFFILIATION DATE/TIME
1. 12/4/20 1640
2. 12/7/20 2130

ACCEPTED BY/AFFILIATION DATE/TIME
1. 12/4/20 1640
2. 12/7/20 2130

12/7/20 1550
12-7-20 2130

Chain of Custody and Cooler Receipt Form for 2035739 Page 7 of 14

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 20

Submission #: 20-35739

SHIPPING INFORMATION
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐
BC Lab Field Service ☑ Other ☐ (Specify)

SHIPPING CONTAINER
Ice Chest ☑ None ☐ Box ☐
Other ☐ (Specify)

FREE LIQUID
YES ☐ NO ☐
W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: CG Thermometer ID: 208 Date/Time 12/7 2130

Temperature: (A) 1.7 °C / (C) 1.5 °C Analyst Init PPE

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr6+										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	AB	A	BA	B	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: AM2 Date/Time: 12/8/20 1015

A = Actual / C = Corrected

Rev 21 05/23/2016

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

Chain of Custody and Cooler Receipt Form for 2035739 Page 8 of 14

BC LABORATORIES INC. COOLER RECEIPT FORM Page 2 Of 9

Submission #: 20-35739

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☑ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: QG Thermometer ID: 208 Date/Time 12/7 2130

Temperature: (A) 1.7 °C / (C) 1.5 °C Analyst Init PPE

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr^{+6}										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
P/A PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR							5	5	5	5
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: Date/Time: 12/8/20 0700

A = Actual / C = Corrected

Rev 21 05/23/2016

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Chain of Custody and Cooler Receipt Form for 2035739 Page 9 of 14

BC LABORATORIES INC. COOLER RECEIPT FORM Page 9 OF 14

Submission #: 2035739

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐ BC Lab Field Service ☑ Other ☐ (Specify)_____	Ice Chest ☑ None ☐ Box ☐ Other ☐ (Specify)_____	YES ☐ NO ☐ W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: CG Thermometer ID: 208 Date/Time 12/7 2330

Temperature: (A) 1.7 °C / (C) 1.5 °C Analyst Init PRE

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	20
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr+6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8081										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	B	B			B				B	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: [signature] Date/Time: 12/8/20 1000

A = Actual / C = Corrected

Rev 21 05/23/2016

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Chain of Custody and Cooler Receipt Form for 2035739 Page 10 of 14

BC LABORATORIES INC. COOLER RECEIPT FORM Page 4 Of 9

Submission #: 2035739

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☑ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☑YES ☐ NO

Emissivity: 0.97 Container: CG Thermometer ID: 208 Date/Time 12/7 2130

Temperature: (A) 1.7 °C / (C) 1.5 °C Analyst Init PRE

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2	3	4	5	6	7	8	9	2gb
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	AB	A	AB	AB	A	A	
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: [signature] Date/Time: 12/8/20 1000

A = Actual / C = Corrected

Rev 21 05/23/2016

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Chain of Custody and Cooler Receipt Form for 2035739 Page 11 of 14

BC LABORATORIES INC. COOLER RECEIPT FORM Page 5 Of 47

Submission #: 20-35739

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☑ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☐ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: CG Thermometer ID: 208 Date/Time 12/7 2130

Temperature: (A) 1.7 °C / (C) 1.5 °C Analyst Init PRE

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	1	2-2	2-3	2-4	2-5	2-6	2-7	2-8	2-9	2-10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr+6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR		A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: AM2 Date/Time: 12/8/20 1000

A = Actual / C = Corrected

Rev 21 05/23/2016

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Chain of Custody and Cooler Receipt Form for 2035739 Page 12 of 14

BC LABORATORIES INC. COOLER RECEIPT FORM Page 4 Of 8

Submission #: 20-35739

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☑ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: CG Thermometer ID: 208 Date/Time 12/7 2130

Temperature: (A) 1.7 °C / (C) 1.5 °C Analyst Init PRE

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	36	39	40	42	43	44	7	8	9	10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A				
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: [illegible] Date/Time: 12/8/20 1220

A = Actual / C = Corrected

Rev 21 05/23/2016

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Chain of Custody and Cooler Receipt Form for 2035739 Page 13 of 14

BC LABORATORIES INC. COOLER RECEIPT FORM Page 1 Of 9

Submission #: 20-35739

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☑ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ (Intact? Yes ☐ No ☐) Containers ☐ (Intact? Yes ☐ No ☐) None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑YES ☐NO

Emissivity: 0.97 Container: SG Thermometer ID: 208 Date/Time 2/7 2130

Temperature: (A) 1.7 °C / (C) 1.5 °C Analyst Init PRE

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	35	37	38	41	43	44	45	46	47	53
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PIA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
8oz / 16oz / 32oz JAR	A	A	A	A	A	A	A	A	A	A
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: Date/Time: 2/8/20 1244 hrs

\ = Actual / C = Corrected

Rev 21 05/23/2016

Chain of Custody and Cooler Receipt Form for 2035739 Page 14 of 14

BC LABORATORIES INC. COOLER RECEIPT FORM Page 3 Of 3

Submission #: 20-35739

SHIPPING INFORMATION	SHIPPING CONTAINER	FREE LIQUID
Fed Ex ☐ UPS ☐ Ontrac ☐ Hand Delivery ☐	Ice Chest ☑ None ☐ Box ☐	YES ☐ NO ☐
BC Lab Field Service ☑ Other ☐ (Specify)_____	Other ☐ (Specify)_____	W / S

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

Custody Seals Ice Chest ☐ Intact? Yes ☐ No ☐ Containers ☐ Intact? Yes ☐ No ☐ None ☑ Comments:

All samples received? Yes ☑ No ☐ All samples containers intact? Yes ☑ No ☐ Description(s) match COC? Yes ☑ No ☐

COC Received ☑ YES ☐ NO

Emissivity: 0.97 Container: CG Thermometer ID: 208 Date/Time 12/7 2130

Temperature: (A) 1.7 °C / (C) 1.5 °C Analyst Init: PRE

SAMPLE CONTAINERS	SAMPLE NUMBERS									
	2 1	51/	3	4	5	26	27	24/8	31/9	33/10
QT PE UNPRES										
4oz / 8oz / 16oz PE UNPRES										
2oz Cr6										
QT INORGANIC CHEMICAL METALS										
INORGANIC CHEMICAL METALS 4oz / 8oz / 16oz										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 1664										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
40ml EPA 547										
40ml EPA 531.1										
8oz EPA 548										
QT EPA 549										
QT EPA 8015M										
QT EPA 8270										
8oz / 16oz / 32oz AMBER										
4oz / 8oz / 32oz JAR	A	A				A	A	A	A	
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
TEDLAR BAG										
FERROUS IRON										
ENCORE										
SMART KIT										
SUMMA CANISTER										

Comments:

Sample Numbering Completed By: CMC Date/Time: 12/8/20 1020

A = Actual / C = Corrected

Rev 21 05/23/2016

Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2035739-01	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 08:27
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-1-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-02	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 08:27
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DUP-1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-03	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 08:33
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-1-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-04	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 08:43
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-2.0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-05	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 08:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-2-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-06	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 08:57
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-3-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-07	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 09:03
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-3-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2035739-08	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 09:12
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-4-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-09	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 09:16
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-4-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-10	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 09:47
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-5-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-11	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 09:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-5-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-12	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:35
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-6-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-13	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:35
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DUP-2	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-14	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:37
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-6-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2035739-15	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 11:42
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-7-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-16	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 11:46
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-7-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-17	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 12:52
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-8-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-18	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 12:52
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	DUP-3	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-19	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 12:56
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-8-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-20	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 14:34
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-9-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-21	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 14:34
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Dup-4	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2035739-22	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 14:23
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-11-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-23	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 14:47
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-13-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-24	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 15:05
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-17-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-25	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 15:17
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-19-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-26	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 09:34
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-22-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-27	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 09:37
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-22-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-28	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:05
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-23-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2035739-29	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:04
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-23-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-30	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:13
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-24-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-31	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:16
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-24-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-32	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:26
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-25-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-33	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:28
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-25-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-34	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-26-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-35	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 10:52
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-26-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2035739-36	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 11:02
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-27-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-37	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 11:06
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-27-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-38	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 11:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-28-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-39	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 11:28
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-28-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-40	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 11:58
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-29-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-41	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 12:02
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-29-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-42	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 12:11
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-30-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2035739-43	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 12:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-30-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-44	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 12:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-31-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-45	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 12:39
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-31-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-46	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 13:24
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-32	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-47	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 13:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-32-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-48	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 13:44
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-33-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-49	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 13:47
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-33-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2035739-50	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 14:01
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-34-0	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2035739-51	**COC Number:**	---	**Receive Date:**	12/07/2020 21:30
	Project Number:	---	**Sampling Date:**	12/04/2020 14:09
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-34-2.5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel 805.681.3100 Fax 805.681.3108

Revised January 7, 2021

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 1 of 6

CLIENT/PROJECT INFORMATION	
Client	Rio School District
Project Name	Rio School District Rose Avenue Facility Phase II Add.
Groundwater Area	NA
Project Manager	Jim Steele
Phone Number	805 895-4120
Email Address	jim.steele@tetratech.com
Project Number	

SAMPLERS	
Sampler's Name	Paige Sawaya
Sampler's Signature	
Sampler 2:	

LABORATORY	
Lab Name	BC Laboratories, Inc.
Lab Contact	Alin Repede
Email	alin.repede@bclabs.com
Address	4464 McGrath St.
	Unit 105
City	Ventura State CA
Postal Code	93003
Phone Number	(805) 815-7966
Quote Number	
PO Number	

SPECIAL INSTRUCTIONS/COMMENTS

X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results.
X2 = hold analysis pending authorization from Tetra Tech following reciept of associated surface soil sample results.
X3 =hold OCP analysis pending pending authorization from Tetra Tech following reciept of associated surface soil sample results. X3 Analyze samples SS-5-2.5, SS-7-2.5, SS-22-0, SS-23-0, SS-24-0, SS-25-0, SS-28-0, SS-29-0, SS-30-0, and SS-31-0 for OCPs using method EPA 8081.

SAMPLE DETAILS / **ANALYSIS REQUESTED**

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Composite)	Number of Containers	ANALYSIS	EPA 8081 Organochlorine Pesticides (OCPs)	EPA-8015B/TPHd (Diesel)	EPA-8015/CC (Crude Oil Ranges)	MADEP-EPH-04 - MA EPH Aliphatics	MADEP-EPH-04 - MA EPH Aromatics		Remarks
							X	X	X	X	X		Filtered
							None	None	None	None	None		Preservative
SS-1-0	12/4/2020		S	D	1					X	X		
Dup-1	12/4/2020		S	D	1					X	X		
SS-1-2.5	12/4/2020		S	D	2			X	X	X1	X1		1 jar for TPH, 1 jar for EPH, see Special Instructions/Comments above.
SS-2-0	12/4/2020		S	D	2			X	X	X	X		1 jar for TPH, 1 jar for EPH.
SS-2-2.5	12/4/2020		S	D	2			X	X	X1	X1		1 jar for TPH, 1 jar for EPH, see Special Instructions/Comments above.
SS-3-0	12/4/2020		S	D	1					X	X		
SS-3-2.5	12/4/2020		S	D	2			X	X	X1	X1		1 jar for TPH, 1 jar for EPH, see Special Instructions/Comments above.
SS-4-0	12/4/2020		S	D	2			X	X	X	X		1 jar for TPH, 1 jar for EPH.
SS-4-2.5	12/4/2020		S	D	2			X2	X2	X1	X1		1 jar for TPH, 1 jar for EPH, see Special Instructions/Comments above.
SS-5-0	12/4/2020		S	D	2		X			X	X		1 jar for OCPs, 1 jar for EPH.
Cooler Count		Cooler Temp											

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME

Total Containers Page 1 = 17
Total Containers = 65

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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TETRA TECH
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Revised January 7, 2021

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 2 of 6

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	BC Laboratories, Inc.	X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results.
Project Name	Rio School District Rose Avenue MOT Facility	Lab Contact	Alin Repede	X2 = hold analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results.
Groundwater Area	NA	Email	alin.repede@bclabs.com	X3 =hold OCP analysis pending pending authorization from Tetra Tech following receipt of associated surface soil sample results. X3 Analyze samples SS-5-2.5, SS-7-2.5, SS-22-0, SS-23-0, SS-24-0, SS-25-0, SS-28-0, SS-29-0, SS-30-0, and SS-31-0 for OCPs using method EPA 8081.
Project Manager	Jim Steele	Address	4464 McGrath St	
Phone Number	805 895-4120		Unit 105	
Email Address	jim.steele@tetratech.com	City	Ventura State CA	
Project Number		Postal Code	93003	
SAMPLERS		Phone Number	(805) 815-7966	
Sampler's Name	Paige Sawaya	Quote Number		
Sampler's Signature		PO Number		
Sampler 2:				

SAMPLE DETAILS / **ANALYSIS REQUESTED**

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	ANALYSIS	EPA 8081 Organochlorine Pesticides (OCPs)	EPA-8015B/TPHd (Diesel)	EPA-8015CC (Crude Oil Ranges)	MADEP-EPH-04 - MA EPH Aliphatics	MADEP-EPH-04 - MA EPH Aromatics		Remarks
							S	S	S	S	S	S	Filtered
							None	None	None	None	None	None	Preservative
SS-5-2.5	12/4/2020		S	D	2		X4	X	X	X1	X1		X4 Analyze this sample for OCPs by method EPA 8081.
SS-6-0	12/4/2020		S	D	2		X	X	X	X	X		1 jar for TPH and OCPs, 1 jar for EPH
Dup-2	12/4/2020		S	D	1		X	X	X				
SS-6-2.5	12/4/2020		S	D	2		X3	X	X	X1	X1		1 jar for TPH and OCPs, 1 jar for EPH, see Special Instructions/Comments above.
SS-7-0	12/4/2020		S	D	2		X			X	X		1 jar for TPH and OCPs, 1 jar for EPH
SS-7-2.5	12/4/2020		S	D	2		X4	X	X	X1	X1		X4 Analyze this sample for OCPs by method EPA 8081.
SS-8-0	12/4/2020		S	D	2		X	X	X	X	X		1 jar for TPH and OCPs, 1 jar for EPH
Dup-3	12/4/2020		S	D	1		X	X	X				
SS-8-2.5	12/4/2020		S	D	2		X3	X	X	X1	X1		1 jar for TPH and OCPs, 1 jar for EPH, see Special Instructions/Comments above.
SS-9-2.5	12/4/2020		S	D	1			X	X				
Cooler Count		Cooler Temp											

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME

Total Containers Page 2 = 17
Total Containers = 65

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TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel 805.681.3100 Fax 805.681.3108

Revised January 7, 2021

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 3 of 6

CLIENT/PROJECT INFORMATION	
Client	Rio School District
Project Name	Rio School District Rose Avenue MOT Facility
Groundwater Area	NA
Project Manager	Jim Steele
Phone Number	805 895-4120
Email Address	jim.steele@tetratech.com
Project Number	

SAMPLERS	
Sampler's Name	Paige Sawaya
Sampler's Signature	
Sampler 2:	

LABORATORY	
Lab Name	BC Laboratories, Inc.
Lab Contact	Alin Repede
Email	alin.repede@bclabs.com
Address	4464 McGrath St
	Unit 105
City	Ventura State CA
Postal Code	93003
Phone Number	(805) 815-7966
Quote Number	
PO Number	

SPECIAL INSTRUCTIONS/COMMENTS

X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results.
X2 = hold analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results.
X3 =hold OCP analysis pending pending authorization from Tetra Tech following receipt of associated surface soil sample results. X3 Analyze samples SS-5-2.5, SS-7-2.5, SS-22-0, SS-23-0, SS-24-0, SS-25-0, SS-28-0, SS-29-0, SS-30-0, and SS-31-0 for OCPs using method EPA 8081.

SAMPLE DETAILS / **ANALYSIS REQUESTED**

Sample Identification	Date	Time (14hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	ANALYSIS	EPA 8081 (OCPs)	EPA 6010B (Total Arsenic)	EPA 8015B TPH (C12-C40)	EPA 8270C (SVOCs)	EPA 8270C - SIM (PNAs)	EPA 8082 (PCBs)	Remarks
							S	S	S	S	S	S	Filtered
							None	None	None	None	None	None	Preservative
Dup-4		12/4/2020		S	D	1		X	X				
SS-11-2.5		12/4/2020		S	D	1		X	X				
SS-13-2.5		12/4/2020		S	D	1		X	X				
SS-17-2.5		12/4/2020		S	D	1		X	X				
SS-19-2.5		12/4/2020		S	D	1		X	X				
SS-22-0		12/4/2020		S	D	1	X4						X4 Anayze this sample for OCPs by method EPA 8081.
SS-22-2.5		12/4/2020		S	D	1	X3						See Special Instructions/Comments above.
SS-23-0		12/4/2020		S	D	1	X4						X4 Anayze this sample for OCPs by method EPA 8081.
SS-23-2.5		12/4/2020		S	D	1	X3						See Special Instructions/Comments above.
SS-24-0		12/4/2020		S	D	1	X4						X4 Anayze this sample for OCPs by method EPA 8081.
Cooler Count		Cooler Temp											

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME

Total Containers Page 3 = 10
Total Containers = 65

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5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
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Revised January 7, 2021

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 4 of 6

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	BC Laboratories, Inc.	X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results. X2 = hold analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results. X3 =hold OCP analysis pending pending authorization from Tetra Tech following receipt of associated surface soil sample results. X3 Analyze samples SS-5-2.5, SS-7-2.5, SS-22-0, SS-23-0, SS-24-0, SS-25-0, SS-26-0, SS-29-0, SS-30-0, and SS-31-0 for OCPs using method EPA 8081
Project Name	Rio School District Rose Avenue MOT Facility	Lab Contact	Alin Repede	
Groundwater Area	NA	Email	alin.repede@bclabs.com	
Project Manager	Jim Steele	Address	4464 McGrath St	
Phone Number	805 895-4120		Unit 105	
Email Address	jim.steele@tetratech.com	City	Ventura State CA	
Project Number		Postal Code	93003	
SAMPLERS		Phone Number	(805) 815-7966	
Sampler's Name	Paige Sawaya	Quote Number		
Sampler's Signature		PO Number		
Sampler 2:				

SAMPLE DETAILS							ANALYSIS REQUESTED												
							S	S	S	S	S	S							Filtered
							None	None	None	None	None	None							Preservative
Sample Identification		Date	Time (14hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	EPA 8081 (OCPs)	EPA 6010B (Total Arsenic)	EPA 8015B TPH (C12-C40)	EPA 8270C (SVOCs)	EPA 8270C - SIM (PNAs)	EPA 8082 (PCBs)							Remarks
SS-24-2.5		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-25-0		12/4/2020		S	D	1	X4												X4 Analyze this sample for OCPs by method EPA 8081.
SS-25-2.5		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-26-0		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-26-2.5		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-27-0		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-27-2.5		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-28-0		12/4/2020		S	D	1	X4												X4 Analyze this sample for OCPs by method EPA 8081.
SS-28-2.5		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-29-0		12/4/2020		S	D	1	X4												X4 Analyze this sample for OCPs by method EPA 8081.
Cooler Count			Cooler Temp																

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME

Total Containers Page 3 = 10
Total Containers = 65

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TETRA TECH
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Revised January 7, 2021

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 5 of 6

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	BC Laboratories, Inc.	X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results. X2 = hold analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results. X3 =hold OCP analysis pending pending authorization from Tetra Tech following receipt of associated surface soil sample results. X4 Analyze samples SS-5-2.5, SS-7-2.5, SS-22-0, SS-23-0, SS-24-0, SS-25-0, SS-28-0, SS-29-0, SS-30-0, and SS-31-0 for OCPs using method EPA 8081
Project Name	Rio School District Rose Avenue MOT Facility	Lab Contact	Alin Repede	
Groundwater Area	NA	Email	alin.repede@bclabs.com	
Project Manager	Jim Steele	Address	4464 McGrath St	
Phone Number	805 895-4120		Unit 105	
Email Address	jim.steele@tetratech.com	City	Ventura State CA	
Project Number		Postal Code	93003	
SAMPLERS		Phone Number	(805) 815-7966	
Sampler's Name	Paige Sawaya	Quote Number		
Sampler's Signature		PO Number		
Sampler 2:				

SAMPLE DETAILS							ANALYSIS REQUESTED												
							S	S	S	S	S	S							Filtered
							None	None	None	None	None	None							Preservative
Sample Identification		Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	EPA 8081 (OCPs)	EPA 6010B (Total Arsenic)	EPA 8015B TPH (C12-C40)	EPA 8270C (SVOCs)	EPA 8270C - SIM (PNAs)	EPA 8082 (PCBs)							Remarks
SS-29-2.5		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-30-0		12/4/2020		S	D	1	X4												X4 Analyze this sample for OCPs by method EPA 8081.
SS-30-2.5		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-31-0		12/4/2020		S	D	1	X4												X4 Analyze this sample for OCPs by method EPA 8081.
SS-31-2.5		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-32-0		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-32-2.5		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-33-0		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-33-2.5		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
SS-34-0		12/4/2020		S	D	1	X3												See Special Instructions/Comments above.
Cooler Count			Cooler Temp																

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME

Total Containers Page 5 = 10
Total Containers = 65

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TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

Revised January 7, 2021

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 6 of 6

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	BC Laboratories, Inc.	X1 = hold EPH analysis pending authorization from Tetra Tech following receipt of TPH results. X2 = hold analysis pending authorization from Tetra Tech following receipt of associated surface soil sample results. X3 =hold OCP analysis pending pending authorization from Tetra Tech following receipt of associated surface soil sample results. X3 Analyze samples SS-5-2.5, SS-7-2.5, SS-22-0, SS-23-0, SS-24-0, SS-25-0, SS-28-0, SS-29-0, SS-30-0, and SS-31-0 for OCPs using method EPA 8081
Project Name	Rio School District Rose Avenue MOT Facility	Lab Contact	Alin Repede	
Groundwater Area	NA	Email	alin.repede@bclabs.com	
Project Manager	Jim Steele	Address	4464 McGrath St	
Phone Number	805 895-4120		Unit 105	
Email Address	jim.steele@tetratech.com	City	Ventura State CA	
Project Number		Postal Code	93003	
SAMPLERS		Phone Number	(805) 815-7966	
Sampler's Name	Paige Sawaya	Quote Number		
Sampler's Signature		PO Number		
Sampler 2:				

SAMPLE DETAILS / **ANALYSIS REQUESTED**

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	ANALYSIS	EPA 8081 (OCPs)	EPA 6010B (Total Arsenic)	EPA 8015B TPH (C12-C40)	EPA 8270C (SVOCs)	EPA 8270C - SIM (PNAs)	EPA 8082 (PCBs)	Remarks
							S	S	S	S	S	S	Filtered
							None	None	None	None	None	None	Preservative
SS-34-2.5		12/4/2020		S	D	1		X3					See Special Instructions/Comments above.

Cooler Count Cooler Temp

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME

Total Containers Page 3 = 1
Total Containers = 65

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-03 | **Client Sample Name:** SS-1-2.5, 12/4/2020 8:33:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0	0.36	EPA-8015B/TPHd	ND		1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		2
Tetracosane (Surrogate)	115	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	87.5	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 19:13	SAW	GC-5	0.960	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 11:31	BUP	GC-13	0.993	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-04 | **Client Sample Name:** SS-2.0, 12/4/2020 8:43:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**11**	**mg/kg**	**3.8**	**0.68**	**EPA-8015B/TPHd**	ND	**A52**	1
Diesel - C10 - C25	ND	mg/kg	20	4.3	EPA-8015CC	ND		2
Crude Oil - C25 - C40	**30**	**mg/kg**	**20**	**9.8**	**EPA-8015CC**	ND	**A55**	2
Tetracosane (Surrogate)	108	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	88.9	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 19:29	SAW	GC-5	1.882	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 11:53	BUP	GC-13	1.961	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-05 | **Client Sample Name:** SS-2-2.5, 12/4/2020 8:50:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0	0.36	EPA-8015B/TPHd	ND		1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		2
Tetracosane (Surrogate)	113	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	81.5	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 19:44	SAW	GC-5	0.984	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 12:16	BUP	GC-13	1.014	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-07 | **Client Sample Name:** SS-3-2.5, 12/4/2020 9:03:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0	0.36	EPA-8015B/TPHd	ND		1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		2
Tetracosane (Surrogate)	109	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	83.5	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 20:00	SAW	GC-5	0.997	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 12:39	BUP	GC-13	0.997	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-08 | **Client Sample Name:** SS-4-0, 12/4/2020 9:12:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**3.5**	**mg/kg**	**2.0**	**0.36**	**EPA-8015B/TPHd**	ND	**A52**	1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	**35**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	2
Tetracosane (Surrogate)	100	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	88.8	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 20:15	SAW	GC-5	0.970	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 13:01	BUP	GC-13	1.007	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-10 | **Client Sample Name:** SS-5-0, 12/4/2020 9:47:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.050	0.0018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.050	0.0038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.050	0.0048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.050	0.0037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.050	0.0018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	5.0	0.10	EPA-8081A	ND	A01	1
4,4'-DDD	**0.050**	**mg/kg**	**0.050**	**0.0064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.40**	**mg/kg**	**0.050**	**0.0095**	**EPA-8081A**	ND	**A01**	1
4,4'-DDT	**0.069**	**mg/kg**	**0.050**	**0.0040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.056**	**mg/kg**	**0.050**	**0.0036**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.050	0.0020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.050	0.0034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.050	0.0026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.050	0.0065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.050	0.0018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.050	0.0086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.050	0.0017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.050	0.0094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	5.0	0.14	EPA-8081A	ND	A01	1
TCMX (Surrogate)	119	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	0	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,A17	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/16/20 10:30	12/17/20 16:01	HKS	GC-17	99.338	B095471	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-11 | **Client Sample Name:** SS-5-2.5, 12/4/2020 9:50:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10,S15	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A10,S15	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A10,S15	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10,S15	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10,S15	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A10,S15	1
4,4'-DDD	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10,S15	1
4,4'-DDE	**0.0016**	**mg/kg**	**0.0025**	**0.00048**	**EPA-8081A**	ND	**J,A10,S15**	1
4,4'-DDT	ND	mg/kg	0.0025	0.00020	EPA-8081A	ND	A10,S15	1
Dieldrin	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A10,S15	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A10,S15	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A10,S15	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A10,S15	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A10,S15	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A10,S15	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A10,S15	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A10,S15	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A10,S15	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A10,S15	1
TCMX (Surrogate)	81.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A10,S15	1
Decachlorobiphenyl (Surrogate)	89.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A10,S15	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/11/21 15:30	01/12/21 00:40	HKS	GC-17	5.085	B097093	EPA 3550B

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Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-11 | **Client Sample Name:** SS-5-2.5, 12/4/2020 9:50:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	ND	mg/kg	2.0	0.36	EPA-8015B/TPHd	ND		1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		2
Tetracosane (Surrogate)	103	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	66.6	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 20:31	SAW	GC-5	1.003	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 16:03	BUP	GC-13	1	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-12 | **Client Sample Name:** SS-6-0, 12/4/2020 10:35:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0083**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.094**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.023**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.023**	**mg/kg**	**0.0050**	**0.00036**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	76.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	111	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/16/20 10:30	12/17/20 16:34	HKS	GC-17	10.033	B095471	EPA 3550B
2	EPA-8081A	12/16/20 10:30	12/17/20 16:51	HKS	GC-17	50.167	B095471	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-12 | **Client Sample Name:** SS-6-0, 12/4/2020 10:35:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**4.3**	**mg/kg**	**2.0**	**0.36**	**EPA-8015B/TPHd**	ND	**A52**	1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	**27**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	2
Tetracosane (Surrogate)	140	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd		S09	1
Tetracosane (Surrogate)	84.8	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 21:17	SAW	GC-5	0.993	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 16:26	BUP	GC-13	1.010	B095563	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-13 | **Client Sample Name:** DUP-2, 12/4/2020 10:35:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0059**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.066**	**mg/kg**	**0.0050**	**0.00095**	**EPA-8081A**	ND	**A01**	1
4,4'-DDT	**0.016**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.017**	**mg/kg**	**0.0050**	**0.00036**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	73.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	98.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/16/20 10:30	12/17/20 17:07	HKS	GC-17	10.033	B095471	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-13 | **Client Sample Name:** DUP-2, 12/4/2020 10:35:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**5.1**	**mg/kg**	**2.0**	**0.36**	**EPA-8015B/TPHd**	ND	**A52**	1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	**29**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	2
Tetracosane (Surrogate)	141	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd		S09	1
Tetracosane (Surrogate)	92.6	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 21:33	SAW	GC-5	0.944	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 16:49	BUP	GC-13	0.984	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-14 | **Client Sample Name:** SS-6-2.5, 12/4/2020 10:37:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**3.1**	**mg/kg**	**2.0**	**0.36**	**EPA-8015B/TPHd**	ND	**A52**	1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		2
Tetracosane (Surrogate)	134	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd		S09	1
Tetracosane (Surrogate)	93.2	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 21:48	SAW	GC-5	0.980	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 17:11	BUP	GC-13	1.003	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-15 | **Client Sample Name:** SS-7-0, 12/4/2020 11:42:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.013**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.14**	**mg/kg**	**0.050**	**0.0095**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.041**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.040**	**mg/kg**	**0.0050**	**0.00036**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	102	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	155	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,A19	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/16/20 10:30	12/17/20 17:24	HKS	GC-17	9.967	B095471	EPA 3550B
2	EPA-8081A	12/16/20 10:30	12/17/20 17:40	HKS	GC-17	99.668	B095471	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-16 | **Client Sample Name:** SS-7-2.5, 12/4/2020 11:46:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A01,S15	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A01,S15	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A01,S15	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A01,S15	1
4,4'-DDD	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A01,S15	1
4,4'-DDE	**0.0029**	**mg/kg**	**0.0025**	**0.00048**	**EPA-8081A**	ND	**A01,S15**	1
4,4'-DDT	**0.0013**	**mg/kg**	**0.0025**	**0.00020**	**EPA-8081A**	ND	**J,A01,S15**	1
Dieldrin	**0.0013**	**mg/kg**	**0.0025**	**0.00018**	**EPA-8081A**	ND	**J,A01,S15**	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A01,S15	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A01,S15	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A01,S15	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A01,S15	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A01,S15	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A01,S15	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A01,S15	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A01,S15	1
TCMX (Surrogate)	73.8	%	20 - 130 (LCL - UCL)		EPA-8081A		A01,S15	1
Decachlorobiphenyl (Surrogate)	78.9	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,S15	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/11/21 15:30	01/12/21 00:57	HKS	GC-17	5.085	B097093	EPA 3550B

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Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-16 | **Client Sample Name:** SS-7-2.5, 12/4/2020 11:46:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**2.4**	**mg/kg**	**2.0**	**0.36**	**EPA-8015B/TPHd**	ND	**A52**	1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	**17**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	2
Tetracosane (Surrogate)	110	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	74.0	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 22:04	SAW	GC-5	0.947	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 17:57	BUP	GC-13	1.010	B095563	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-17 | **Client Sample Name:** SS-8-0, 12/4/2020 12:52:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.010**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.11**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.034**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.027**	**mg/kg**	**0.0050**	**0.00036**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	94.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	149	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,A19	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/16/20 10:30	12/17/20 17:57	HKS	GC-17	10	B095471	EPA 3550B
2	EPA-8081A	12/16/20 10:30	12/17/20 18:14	HKS	GC-17	50	B095471	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-17 | **Client Sample Name:** SS-8-0, 12/4/2020 12:52:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**9.8**	**mg/kg**	**3.9**	**0.69**	**EPA-8015B/TPHd**	ND	**A52**	1
Diesel - C10 - C25	ND	mg/kg	19	4.3	EPA-8015CC	ND		2
Crude Oil - C25 - C40	**56**	**mg/kg**	**19**	**9.7**	**EPA-8015CC**	ND	**A55**	2
Tetracosane (Surrogate)	99.7	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	85.2	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 22:19	SAW	GC-5	1.929	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 18:20	BUP	GC-13	1.935	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-18 | **Client Sample Name:** DUP-3, 12/4/2020 12:52:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.010**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.12**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.031**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	**0.026**	**mg/kg**	**0.0050**	**0.00036**	**EPA-8081A**	ND	**A01**	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	102	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	145	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,A19	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	12/16/20 10:30	12/17/20 18:30	HKS	GC-17	10.033	B095471	EPA 3550B
2	EPA-8081A	12/16/20 10:30	12/17/20 19:36	HKS	GC-17	50.167	B095471	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-18 | **Client Sample Name:** DUP-3, 12/4/2020 12:52:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**6.1**	**mg/kg**	**3.9**	**0.71**	**EPA-8015B/TPHd**	ND	**A52**	1
Diesel - C10 - C25	ND	mg/kg	20	4.4	EPA-8015CC	ND		2
Crude Oil - C25 - C40	**47**	**mg/kg**	**20**	**9.9**	**EPA-8015CC**	ND	**A55**	2
Tetracosane (Surrogate)	110	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	109	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 22:35	SAW	GC-5	1.974	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 18:42	BUP	GC-13	1.987	B095563	EPA 3550B

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5383 Hollister, Suite 130
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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-19 | **Client Sample Name:** SS-8-2.5, 12/4/2020 12:56:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**2.3**	**mg/kg**	**2.0**	**0.36**	**EPA-8015B/TPHd**	ND	**A52**	1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		2
Tetracosane (Surrogate)	109	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	91.5	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 22:50	SAW	GC-5	0.954	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 19:05	BUP	GC-13	0.987	B095563	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-20 | **Client Sample Name:** SS-9-2.5, 12/4/2020 2:34:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel Range Organics (C12 - C24)	**2.9**	**mg/kg**	**2.0**	**0.36**	**EPA-8015B/TPHd**	ND	**A52**	1
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		2
Crude Oil - C25 - C40	**16**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	2
Tetracosane (Surrogate)	105	%	40 - 130 (LCL - UCL)		EPA-8015B/TPHd			1
Tetracosane (Surrogate)	40.4	%	20 - 145 (LCL - UCL)		EPA-8015CC			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/TPHd	12/16/20 14:00	12/17/20 23:06	SAW	GC-5	0.973	B095539	EPA 3550B
2	EPA-8015CC	12/16/20 13:00	12/17/20 20:36	BUP	GC-13	1	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-21 | **Client Sample Name:** Dup-4, 12/4/2020 2:34:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		1
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		1
Tetracosane (Surrogate)	59.6	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	12/16/20 13:00	12/17/20 20:59	BUP	GC-13	1.014	B095563	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2035739-21 | **Client Sample Name:** Dup-4, 12/4/2020 2:34:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**4.5**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	12/14/20 11:30	12/15/20 10:47	JCC	PE-OP3	1	B094983	EPA 3050B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-22 | **Client Sample Name:** SS-11-2.5, 12/4/2020 2:23:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		1
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		1
Tetracosane (Surrogate)	101	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	12/16/20 13:00	12/17/20 21:21	BUP	GC-13	1.017	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2035739-22 | **Client Sample Name:** SS-11-2.5, 12/4/2020 2:23:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**3.1**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	12/14/20 11:30	12/15/20 10:33	JCC	PE-OP3	1	B094983	EPA 3050B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-23 | **Client Sample Name:** SS-13-2.5, 12/4/2020 2:47:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		1
Crude Oil - C25 - C40	**17**	**mg/kg**	**10**	**5.0**	**EPA-8015CC**	ND	**A55**	1
Tetracosane (Surrogate)	81.3	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	12/16/20 13:00	12/17/20 21:44	BUP	GC-13	0.987	B095563	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2035739-23 | **Client Sample Name:** SS-13-2.5, 12/4/2020 2:47:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**4.7**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	12/14/20 11:30	12/15/20 10:49	JCC	PE-OP3	0.952	B094983	EPA 3050B

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Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-24 | **Client Sample Name:** SS-17-2.5, 12/4/2020 3:05:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		1
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		1
Tetracosane (Surrogate)	56.9	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	12/16/20 13:00	12/17/20 11:08	BUP	GC-13	0.984	B095563	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2035739-24 | **Client Sample Name:** SS-17-2.5, 12/4/2020 3:05:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**3.6**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	12/14/20 11:30	12/15/20 10:51	JCC	PE-OP3	0.952	B094983	EPA 3050B

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Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2035739-25 | **Client Sample Name:** SS-19-2.5, 12/4/2020 3:17:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Diesel - C10 - C25	ND	mg/kg	10	2.2	EPA-8015CC	ND		1
Crude Oil - C25 - C40	ND	mg/kg	10	5.0	EPA-8015CC	ND		1
Tetracosane (Surrogate)	77.7	%	20 - 145 (LCL - UCL)		EPA-8015CC			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015CC	12/16/20 13:00	12/17/20 22:06	BUP	GC-13	0.984	B095563	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2035739-25 | **Client Sample Name:** SS-19-2.5, 12/4/2020 3:17:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**3.2**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	12/14/20 11:30	12/15/20 10:53	JCC	PE-OP3	0.990	B094983	EPA 3050B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-26 | **Client Sample Name:** SS-22-0, 12/4/2020 9:34:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01,S15	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01,S15	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01,S15	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01,S15	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01,S15	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01,S15	1
4,4'-DDD	**0.017**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01,S15**	1
4,4'-DDE	**0.29**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01,S15**	2
4,4'-DDT	**0.022**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01,S15**	1
Dieldrin	**0.044**	**mg/kg**	**0.0050**	**0.00036**	**EPA-8081A**	ND	**A01,S15**	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01,S15	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01,S15	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01,S15	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01,S15	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01,S15	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01,S15	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01,S15	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01,S15	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01,S15	1
TCMX (Surrogate)	72.1	%	20 - 130 (LCL - UCL)		EPA-8081A		A01,S15	1
Decachlorobiphenyl (Surrogate)	64.4	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,S15	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/11/21 15:30	01/15/21 17:14	HKS	GC-17	9.901	B097093	EPA 3550B
2	EPA-8081A	01/11/21 15:30	01/15/21 15:18	HKS	GC-17	49.505	B097093	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-28 | **Client Sample Name:** SS-23-0, 12/4/2020 10:05:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A01,S15	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A01,S15	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A01,S15	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A01,S15	1
4,4'-DDD	**0.015**	**mg/kg**	**0.0025**	**0.00032**	**EPA-8081A**	ND	**A01,S15**	1
4,4'-DDE	**0.19**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01,S15**	2
4,4'-DDT	**0.030**	**mg/kg**	**0.0025**	**0.00020**	**EPA-8081A**	ND	**A01,S15**	1
Dieldrin	**0.039**	**mg/kg**	**0.0025**	**0.00018**	**EPA-8081A**	ND	**A01,S15**	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A01,S15	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A01,S15	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A01,S15	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A01,S15	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A01,S15	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A01,S15	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A01,S15	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A01,S15	1
TCMX (Surrogate)	73.6	%	20 - 130 (LCL - UCL)		EPA-8081A		A01,S15	1
Decachlorobiphenyl (Surrogate)	71.2	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,S15	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/11/21 15:30	01/12/21 01:30	HKS	GC-17	5	B097093	EPA 3550B
2	EPA-8081A	01/11/21 15:30	01/15/21 15:35	HKS	GC-17	50	B097093	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-30 | **Client Sample Name:** SS-24-0, 12/4/2020 10:13:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND	S15	1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND	S15	1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND	S15	1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND	S15	1
4,4'-DDD	**0.0082**	**mg/kg**	**0.00050**	**0.000064**	**EPA-8081A**	ND	**S15**	1
4,4'-DDE	**0.12**	**mg/kg**	**0.010**	**0.0019**	**EPA-8081A**	ND	**A01,S15**	2
4,4'-DDT	**0.020**	**mg/kg**	**0.010**	**0.00080**	**EPA-8081A**	ND	**A01,S15**	2
Dieldrin	**0.021**	**mg/kg**	**0.010**	**0.00072**	**EPA-8081A**	ND	**A01,S15**	2
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND	S15	1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND	S15	1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND	S15	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND	S15	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND	S15	1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND	S15	1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND	S15	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND	S15	1
TCMX (Surrogate)	38.7	%	20 - 130 (LCL - UCL)		EPA-8081A		S15	1
Decachlorobiphenyl (Surrogate)	37.2	%	40 - 130 (LCL - UCL)		EPA-8081A		A20,S15	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/11/21 15:30	01/12/21 03:09	HKS	GC-17	1	B097093	EPA 3550B
2	EPA-8081A	01/11/21 15:30	01/15/21 16:57	HKS	GC-17	20	B097093	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-32 | **Client Sample Name:** SS-25-0, 12/4/2020 10:26:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A01,S15	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A01,S15	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A01,S15	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A01,S15	1
4,4'-DDD	**0.019**	**mg/kg**	**0.0025**	**0.00032**	**EPA-8081A**	ND	**A01,S15**	1
4,4'-DDE	**0.17**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01,S15**	2
4,4'-DDT	**0.031**	**mg/kg**	**0.0025**	**0.00020**	**EPA-8081A**	ND	**A01,S15**	1
Dieldrin	**0.041**	**mg/kg**	**0.0025**	**0.00018**	**EPA-8081A**	ND	**A01,S15**	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A01,S15	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A01,S15	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A01,S15	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A01,S15	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A01,S15	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A01,S15	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A01,S15	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A01,S15	1
TCMX (Surrogate)	74.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A01,S15	1
Decachlorobiphenyl (Surrogate)	81.2	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,S15	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/11/21 15:30	01/12/21 01:46	HKS	GC-17	4.967	B097093	EPA 3550B
2	EPA-8081A	01/11/21 15:30	01/15/21 15:51	HKS	GC-17	49.669	B097093	EPA 3550B

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Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-38 | **Client Sample Name:** SS-28-0, 12/4/2020 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND	S15	1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND	S15	1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND	S15	1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND	S15	1
4,4'-DDD	**0.0081**	**mg/kg**	**0.00050**	**0.000064**	**EPA-8081A**	ND	**S15**	1
4,4'-DDE	**0.086**	**mg/kg**	**0.010**	**0.0019**	**EPA-8081A**	ND	**A01,S15**	2
4,4'-DDT	**0.015**	**mg/kg**	**0.010**	**0.00080**	**EPA-8081A**	ND	**A01,S15**	2
Dieldrin	**0.025**	**mg/kg**	**0.010**	**0.00072**	**EPA-8081A**	ND	**A01,S15**	2
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND	S15	1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND	S15	1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND	S15	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND	S15	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND	S15	1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND	S15	1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND	S15	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND	S15	1
TCMX (Surrogate)	68.9	%	20 - 130 (LCL - UCL)		EPA-8081A		S15	1
Decachlorobiphenyl (Surrogate)	78.3	%	40 - 130 (LCL - UCL)		EPA-8081A		S15	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/11/21 15:30	01/12/21 02:03	HKS	GC-17	0.984	B097093	EPA 3550B
2	EPA-8081A	01/11/21 15:30	01/15/21 16:08	HKS	GC-17	19.672	B097093	EPA 3550B

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Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-40 | **Client Sample Name:** SS-29-0, 12/4/2020 11:58:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
alpha-BHC	ND	mg/kg	0.0025	0.00019	EPA-8081A	ND	A01,S15	1
beta-BHC	ND	mg/kg	0.0025	0.00024	EPA-8081A	ND	A01,S15	1
delta-BHC	ND	mg/kg	0.0025	0.00018	EPA-8081A	ND	A01,S15	1
gamma-BHC (Lindane)	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
Chlordane (Technical)	ND	mg/kg	0.25	0.0050	EPA-8081A	ND	A01,S15	1
4,4'-DDD	**0.0038**	**mg/kg**	**0.0025**	**0.00032**	**EPA-8081A**	ND	**A01,S15**	1
4,4'-DDE	**0.042**	**mg/kg**	**0.0025**	**0.00048**	**EPA-8081A**	ND	**A01,S15**	1
4,4'-DDT	**0.012**	**mg/kg**	**0.0025**	**0.00020**	**EPA-8081A**	ND	**A01,S15**	1
Dieldrin	**0.013**	**mg/kg**	**0.0025**	**0.00018**	**EPA-8081A**	ND	**A01,S15**	1
Endosulfan I	ND	mg/kg	0.0025	0.00010	EPA-8081A	ND	A01,S15	1
Endosulfan II	ND	mg/kg	0.0025	0.00017	EPA-8081A	ND	A01,S15	1
Endosulfan sulfate	ND	mg/kg	0.0025	0.00013	EPA-8081A	ND	A01,S15	1
Endrin	ND	mg/kg	0.0025	0.00032	EPA-8081A	ND	A01,S15	1
Endrin aldehyde	ND	mg/kg	0.0025	0.000090	EPA-8081A	ND	A01,S15	1
Heptachlor	ND	mg/kg	0.0025	0.00043	EPA-8081A	ND	A01,S15	1
Heptachlor epoxide	ND	mg/kg	0.0025	0.000085	EPA-8081A	ND	A01,S15	1
Methoxychlor	ND	mg/kg	0.0025	0.00047	EPA-8081A	ND	A01,S15	1
Toxaphene	ND	mg/kg	0.25	0.0070	EPA-8081A	ND	A01,S15	1
TCMX (Surrogate)	53.5	%	20 - 130 (LCL - UCL)		EPA-8081A		A01,S15	1
Decachlorobiphenyl (Surrogate)	50.3	%	40 - 130 (LCL - UCL)		EPA-8081A		A01,S15	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/11/21 15:30	01/12/21 02:19	HKS	GC-17	5.017	B097093	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-42 | **Client Sample Name:** SS-30-0, 12/4/2020 12:11:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND	S15	1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND	S15	1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND	S15	1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND	S15	1
4,4'-DDD	**0.0081**	**mg/kg**	**0.00050**	**0.000064**	**EPA-8081A**	ND	**S15**	1
4,4'-DDE	**0.087**	**mg/kg**	**0.010**	**0.0019**	**EPA-8081A**	ND	**A01,S15**	2
4,4'-DDT	**0.015**	**mg/kg**	**0.010**	**0.00080**	**EPA-8081A**	ND	**A01,S15**	2
Dieldrin	**0.033**	**mg/kg**	**0.010**	**0.00072**	**EPA-8081A**	ND	**A01,S15**	2
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND	S15	1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND	S15	1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND	S15	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND	S15	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND	S15	1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND	S15	1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND	S15	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND	S15	1
TCMX (Surrogate)	71.7	%	20 - 130 (LCL - UCL)		EPA-8081A		S15	1
Decachlorobiphenyl (Surrogate)	73.3	%	40 - 130 (LCL - UCL)		EPA-8081A		S15	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/11/21 15:30	01/12/21 02:36	HKS	GC-17	0.993	B097093	EPA 3550B
2	EPA-8081A	01/11/21 15:30	01/15/21 16:24	HKS	GC-17	19.868	B097093	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2035739-44 | **Client Sample Name:** SS-31-0, 12/4/2020 12:25:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
alpha-BHC	ND	mg/kg	0.00050	0.000038	EPA-8081A	ND	S15	1
beta-BHC	ND	mg/kg	0.00050	0.000048	EPA-8081A	ND	S15	1
delta-BHC	ND	mg/kg	0.00050	0.000037	EPA-8081A	ND	S15	1
gamma-BHC (Lindane)	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
Chlordane (Technical)	ND	mg/kg	0.050	0.0010	EPA-8081A	ND	S15	1
4,4'-DDD	**0.0081**	**mg/kg**	**0.00050**	**0.000064**	**EPA-8081A**	ND	**S15**	1
4,4'-DDE	**0.10**	**mg/kg**	**0.010**	**0.0019**	**EPA-8081A**	ND	**A01,S15**	2
4,4'-DDT	**0.021**	**mg/kg**	**0.010**	**0.00080**	**EPA-8081A**	ND	**A01,S15**	2
Dieldrin	**0.034**	**mg/kg**	**0.010**	**0.00072**	**EPA-8081A**	ND	**A01,S15**	2
Endosulfan I	ND	mg/kg	0.00050	0.000020	EPA-8081A	ND	S15	1
Endosulfan II	ND	mg/kg	0.00050	0.000034	EPA-8081A	ND	S15	1
Endosulfan sulfate	ND	mg/kg	0.00050	0.000026	EPA-8081A	ND	S15	1
Endrin	ND	mg/kg	0.00050	0.000065	EPA-8081A	ND	S15	1
Endrin aldehyde	ND	mg/kg	0.00050	0.000018	EPA-8081A	ND	S15	1
Heptachlor	ND	mg/kg	0.00050	0.000086	EPA-8081A	ND	S15	1
Heptachlor epoxide	ND	mg/kg	0.00050	0.000017	EPA-8081A	ND	S15	1
Methoxychlor	ND	mg/kg	0.00050	0.000094	EPA-8081A	ND	S15	1
Toxaphene	ND	mg/kg	0.050	0.0014	EPA-8081A	ND	S15	1
TCMX (Surrogate)	73.0	%	20 - 130 (LCL - UCL)		EPA-8081A		S15	1
Decachlorobiphenyl (Surrogate)	80.3	%	40 - 130 (LCL - UCL)		EPA-8081A		S15	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	01/11/21 15:30	01/12/21 02:53	HKS	GC-17	0.993	B097093	EPA 3550B
2	EPA-8081A	01/11/21 15:30	01/15/21 16:41	HKS	GC-17	19.868	B097093	EPA 3550B

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B095471						
Aldrin	B095471-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	B095471-BLK1	ND	mg/kg	0.00050	0.000038	
beta-BHC	B095471-BLK1	ND	mg/kg	0.00050	0.000048	
delta-BHC	B095471-BLK1	ND	mg/kg	0.00050	0.000037	
gamma-BHC (Lindane)	B095471-BLK1	ND	mg/kg	0.00050	0.000018	
Chlordane (Technical)	B095471-BLK1	ND	mg/kg	0.050	0.0010	
4,4'-DDD	B095471-BLK1	ND	mg/kg	0.00050	0.000064	
4,4'-DDE	B095471-BLK1	ND	mg/kg	0.00050	0.000095	
4,4'-DDT	B095471-BLK1	ND	mg/kg	0.00050	0.000040	
Dieldrin	B095471-BLK1	ND	mg/kg	0.00050	0.000036	
Endosulfan I	B095471-BLK1	ND	mg/kg	0.00050	0.000020	
Endosulfan II	B095471-BLK1	ND	mg/kg	0.00050	0.000034	
Endosulfan sulfate	B095471-BLK1	ND	mg/kg	0.00050	0.000026	
Endrin	B095471-BLK1	ND	mg/kg	0.00050	0.000065	
Endrin aldehyde	B095471-BLK1	ND	mg/kg	0.00050	0.000018	
Heptachlor	B095471-BLK1	ND	mg/kg	0.00050	0.000086	
Heptachlor epoxide	B095471-BLK1	ND	mg/kg	0.00050	0.000017	
Methoxychlor	B095471-BLK1	ND	mg/kg	0.00050	0.000094	
Toxaphene	B095471-BLK1	ND	mg/kg	0.050	0.0014	
TCMX (Surrogate)	**B095471-BLK1**	**74.2**	%	**20 - 130 (LCL - UCL)**		
Decachlorobiphenyl (Surrogate)	**B095471-BLK1**	**105**	%	**40 - 130 (LCL - UCL)**		
QC Batch ID: B097093						
Aldrin	B097093-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	B097093-BLK1	ND	mg/kg	0.00050	0.000038	
beta-BHC	B097093-BLK1	ND	mg/kg	0.00050	0.000048	
delta-BHC	B097093-BLK1	ND	mg/kg	0.00050	0.000037	
gamma-BHC (Lindane)	B097093-BLK1	ND	mg/kg	0.00050	0.000018	
Chlordane (Technical)	B097093-BLK1	ND	mg/kg	0.050	0.0010	
4,4'-DDD	B097093-BLK1	ND	mg/kg	0.00050	0.000064	
4,4'-DDE	B097093-BLK1	ND	mg/kg	0.00050	0.000095	
4,4'-DDT	B097093-BLK1	ND	mg/kg	0.00050	0.000040	
Dieldrin	B097093-BLK1	ND	mg/kg	0.00050	0.000036	
Endosulfan I	B097093-BLK1	ND	mg/kg	0.00050	0.000020	

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B097093						
Endosulfan II	B097093-BLK1	ND	mg/kg	0.00050	0.000034	
Endosulfan sulfate	B097093-BLK1	ND	mg/kg	0.00050	0.000026	
Endrin	B097093-BLK1	ND	mg/kg	0.00050	0.000065	
Endrin aldehyde	B097093-BLK1	ND	mg/kg	0.00050	0.000018	
Heptachlor	B097093-BLK1	ND	mg/kg	0.00050	0.000086	
Heptachlor epoxide	B097093-BLK1	ND	mg/kg	0.00050	0.000017	
Methoxychlor	B097093-BLK1	ND	mg/kg	0.00050	0.000094	
Toxaphene	B097093-BLK1	ND	mg/kg	0.050	0.0014	
TCMX (Surrogate)	**B097093-BLK1**	**86.0**	%	**20 - 130 (LCL - UCL)**		
Decachlorobiphenyl (Surrogate)	**B097093-BLK1**	**93.0**	%	**40 - 130 (LCL - UCL)**		

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B095471										
Aldrin	B095471-BS1	LCS	0.0045904	0.0049505	mg/kg	92.7		70 - 130		
gamma-BHC (Lindane)	B095471-BS1	LCS	0.0049686	0.0049505	mg/kg	100		60 - 140		
4,4'-DDT	B095471-BS1	LCS	0.0054488	0.0049505	mg/kg	110		60 - 140		
Dieldrin	B095471-BS1	LCS	0.0045188	0.0049505	mg/kg	91.3		70 - 130		
Endrin	B095471-BS1	LCS	0.0051977	0.0049505	mg/kg	105		60 - 140		
Heptachlor	B095471-BS1	LCS	0.0050528	0.0049505	mg/kg	102		60 - 140		
TCMX (Surrogate)	B095471-BS1	LCS	0.011338	0.0099010	mg/kg	115		20 - 130		
Decachlorobiphenyl (Surrogate)	B095471-BS1	LCS	0.019363	0.019802	mg/kg	97.8		40 - 130		
QC Batch ID: B097093										
Aldrin	B097093-BS1	LCS	0.0047036	0.0049180	mg/kg	95.6		70 - 130		
gamma-BHC (Lindane)	B097093-BS1	LCS	0.0047033	0.0049180	mg/kg	95.6		60 - 140		
4,4'-DDT	B097093-BS1	LCS	0.0049351	0.0049180	mg/kg	100		60 - 140		
Dieldrin	B097093-BS1	LCS	0.0050115	0.0049180	mg/kg	102		70 - 130		
Endrin	B097093-BS1	LCS	0.0048577	0.0049180	mg/kg	98.8		60 - 140		
Heptachlor	B097093-BS1	LCS	0.0048869	0.0049180	mg/kg	99.4		60 - 140		
TCMX (Surrogate)	B097093-BS1	LCS	0.0079721	0.0098361	mg/kg	81.0		20 - 130		
Decachlorobiphenyl (Surrogate)	B097093-BS1	LCS	0.017344	0.019672	mg/kg	88.2		40 - 130		

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B095471	Used client sample: N										
Aldrin	MS	**2035738-01**	**ND**	**0.011781**	**0.0050000**	**mg/kg**		**236**		**50 - 140**	**Q03**
	MSD	**2035738-01**	**ND**	**0.010742**	**0.0049342**	**mg/kg**	**9.2**	**218**	**30**	**50 - 140**	**Q03**
gamma-BHC (Lindane)	MS	2035738-01	ND	0.0050347	0.0050000	mg/kg		101		50 - 140	
	MSD	2035738-01	ND	0.0047951	0.0049342	mg/kg	4.9	97.2	30	50 - 140	
4,4'-DDT	MS	2035738-01	ND	0.0056910	0.0050000	mg/kg		114		50 - 140	
	MSD	2035738-01	ND	0.0052816	0.0049342	mg/kg	7.5	107	30	50 - 140	
Dieldrin	MS	2035738-01	ND	0.0046843	0.0050000	mg/kg		93.7		40 - 140	
	MSD	2035738-01	ND	0.0044579	0.0049342	mg/kg	5.0	90.3	30	40 - 140	
Endrin	MS	2035738-01	ND	0.0055403	0.0050000	mg/kg		111		50 - 150	
	MSD	2035738-01	ND	0.0051901	0.0049342	mg/kg	6.5	105	30	50 - 150	
Heptachlor	MS	**2035738-01**	**ND**	**0.0071887**	**0.0050000**	**mg/kg**		**144**		**60 - 140**	**Q03**
	MSD	**2035738-01**	**ND**	**0.0065668**	**0.0049342**	**mg/kg**	**9.0**	**133**	**30**	**60 - 140**	
TCMX (Surrogate)	MS	2035738-01	ND	0.0080247	0.010000	mg/kg		80.2		20 - 130	
	MSD	2035738-01	ND	0.0078842	0.0098684	mg/kg	1.8	79.9		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	2035738-01	ND	0.019108	0.020000	mg/kg		95.5		40 - 130	
	MSD	2035738-01	ND	0.016641	0.019737	mg/kg	13.8	84.3		40 - 130	
QC Batch ID: B097093	Used client sample: Y - Description: SS-7-2.5, 12/04/2020 11:46										
Aldrin	MS	2035739-16	ND	0.0044328	0.0049180	mg/kg		90.1		50 - 140	A01
	MSD	2035739-16	ND	0.0045957	0.0049505	mg/kg	3.6	92.8	30	50 - 140	A01
gamma-BHC (Lindane)	MS	2035739-16	ND	0.0041557	0.0049180	mg/kg		84.5		50 - 140	A01
	MSD	2035739-16	ND	0.0042591	0.0049505	mg/kg	2.5	86.0	30	50 - 140	A01
4,4'-DDT	MS	2035739-16	0.0012949	0.0069951	0.0049180	mg/kg		116		50 - 140	A01
	MSD	2035739-16	0.0012949	0.0078449	0.0049505	mg/kg	11.5	132	30	50 - 140	A01
Dieldrin	MS	2035739-16	0.0012915	0.0070213	0.0049180	mg/kg		117		40 - 140	A01
	MSD	2035739-16	0.0012915	0.0074505	0.0049505	mg/kg	5.9	124	30	40 - 140	A01
Endrin	MS	2035739-16	ND	0.0059262	0.0049180	mg/kg		120		50 - 150	A01
	MSD	2035739-16	ND	0.0064406	0.0049505	mg/kg	8.3	130	30	50 - 150	A01
Heptachlor	MS	2035739-16	ND	0.0044197	0.0049180	mg/kg		89.9		60 - 140	A01
	MSD	2035739-16	ND	0.0045825	0.0049505	mg/kg	3.6	92.6	30	60 - 140	A01
TCMX (Surrogate)	MS	2035739-16	ND	0.0079000	0.0098361	mg/kg		80.3		20 - 130	A01
	MSD	2035739-16	ND	0.0087459	0.0099010	mg/kg	10.2	88.3		20 - 130	A01
Decachlorobiphenyl (Surrogate)	MS	2035739-16	ND	0.018487	0.019672	mg/kg		94.0		40 - 130	A01
	MSD	2035739-16	ND	0.020630	0.019802	mg/kg	11.0	104		40 - 130	A01

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B095539						
Diesel Range Organics (C12 - C24)	B095539-BLK1	ND	mg/kg	2.0	0.36	
Tetracosane (Surrogate)	**B095539-BLK1**	**117**	%	**40 - 130 (LCL - UCL)**		
QC Batch ID: B095563						
Diesel - C10 - C25	B095563-BLK1	ND	mg/kg	10	2.2	
Crude Oil - C25 - C40	B095563-BLK1	ND	mg/kg	10	5.0	
Tetracosane (Surrogate)	**B095563-BLK1**	**96.1**	%	**20 - 145 (LCL - UCL)**		

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B095539										
Diesel Range Organics (C12 - C24)	B095539-BS1	LCS	17.534	16.667	mg/kg	105		58 - 131		
Tetracosane (Surrogate)	B095539-BS1	LCS	0.77621	0.66667	mg/kg	116		40 - 130		
QC Batch ID: B095563										
Tetracosane (Surrogate)	B095563-BS1	LCS	3.0086	3.3784	mg/kg	89.1		20 - 145		

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Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B095539	Used client sample: Y - Description: SS-7-2.5, 12/04/2020 11:46										
Diesel Range Organics (C12 - C24)	MS	2035739-16	2.4192	15.167	16.502	mg/kg		77.3		54 - 119	
	MSD	2035739-16	2.4192	15.767	16.949	mg/kg	3.9	78.8	30	54 - 119	
Tetracosane (Surrogate)	MS	2035739-16	ND	0.72162	0.66007	mg/kg		109		40 - 130	
	MSD	2035739-16	ND	0.71826	0.67797	mg/kg	0.5	106		40 - 130	
QC Batch ID: B095563	Used client sample: Y - Description: SS-17-2.5, 12/04/2020 15:05										
Tetracosane (Surrogate)	MS	2035739-24	ND	2.3312	3.3557	mg/kg		69.5		20 - 145	
	MSD	2035739-24	ND	2.9355	3.3003	mg/kg	22.9	88.9		20 - 145	

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Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B094983						
Arsenic	B094983-BLK1	ND	mg/kg	1.0	0.40	

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Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B094983										
Arsenic	B094983-BS1	LCS	19.344	20.000	mg/kg	96.7		75 - 125		

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Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B094983	Used client sample: Y - Description: SS-11-2.5, 12/04/2020 14:23										
Arsenic	DUP	2035739-22	3.0665	3.1773		mg/kg	3.5		20		
	MS	2035739-22	3.0665	19.274	20.000	mg/kg		81.0		75 - 125	
	MSD	2035739-22	3.0665	19.404	20.000	mg/kg	0.7	81.7	20	75 - 125	

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ANALYTICAL REPORT

Eurofins Lancaster Laboratories Env, LLC
2425 New Holland Pike
Lancaster, PA 17601
Tel: (717)656-2300

Laboratory Job ID: 410-24428-1
Client Project/Site: 2035739

For:
BC Laboratories
4100 Atlas Court
Bakersfield, California 93308

Attn: Molly Meyers

Elizabeth M. Zanar

Authorized for release by:
1/6/2021 11:08:51 AM

Elizabeth Zanar, Project Manager
(717)556-7290
Elizabeth.Zanar@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: BC Laboratories
Project/Site: 2035739

Laboratory Job ID: 410-24428-1

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
·QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
·Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is performed, unless otherwise specified in the method.
·Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.
Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

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Elizabeth Zanar
Project Manager
1/6/2021 11:08:51 AM

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Client: BC Laboratories
Project/Site: 2035739

Laboratory Job ID: 410-24428-1

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Definitions/Glossary

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
S1-	Surrogate recovery exceeds control limits, low biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Job ID: 410-24428-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Narrative

Job Narrative
410-24428-1

Receipt
The samples were received on 12/18/2020 3:19 PM; the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C

Hydrocarbons
Method MAEPH: The following sample(s) was prepared outside of preparation holding time due to arriving on the last day of hold

Method MAEPH: The method blank for preparation batch 410-79385 and 410-79802 contained Pyrene above the method detection limit (MDL) but less than the reporting limit (RL). The following samples associated with this method blank contained the target compound: 2035739-01 (410-24428-1), 2035739-02 (410-24428-2), 2035739-04 (410-24428-3), 2035739-06 (410-24428-4), 2035739-08 (410-24428-5), 2035739-10 (410-24428-6), 2035739-12 (410-24428-7) and 2035739-17 (410-24428-9). The sample(s) were re-extracted and re-analyzed outside of holding time. Since both trials are past hold and Pyrene was not detected in the method blank of the re-extract batch, data is reported from the second trial.

Method MAEPH: Pyrene was detected above the method detection limit (MDL) but below the reporting limit (RL) in the method blank associated with preparation batch 410-79385 and 410-79802 and analytical batch 410-80634 as well as in the following sample: 2035739-15 (410-24428-8). All affected samples were re-extracted and re-analyzed outside of holding time. Both sets of data have been reported.

Method MAEPH: The following sample(s) was received with less than 2 days remaining on the holding time or less than one shift (8 hours) remaining on a test with a holding time of 48 hours or less. As such, the laboratory had insufficient time remaining to perform the analysis within holding time: 2035739-01 (410-24428-1), 2035739-02 (410-24428-2), 2035739-04 (410-24428-3), 2035739-06 (410-24428-4), 2035739-08 (410-24428-5), 2035739-10 (410-24428-6), 2035739-12 (410-24428-7), 2035739-15 (410-24428-8), 2035739-17 (410-24428-9), (410-24428-A-1-E MS) and (410-24428-A-1-F MSD).

Method MAEPH: The breakthrough for Naphthalene and 2-Methylnaphthalene in the LCS is <1%. The breakthrough for Naphthalene and 2-Methylnaphthalene in the LCSD is <1%. The method requirement for breakthrough is <5%.

Method MAEPH: 1-Chlorooctadecane (Surr) recovery for the method blank was outside the lower control limits. The samples were re-extracted outside of hold time and the method blank surrogate is again outside the control limits. Results are reported from the first trial. 2035739-01 (410-24428-1), 2035739-02 (410-24428-2), 2035739-04 (410-24428-3), 2035739-06 (410-24428-4), 2035739-08 (410-24428-5), 2035739-10 (410-24428-6), 2035739-12 (410-24428-7), 2035739-15 (410-24428-8), 2035739-17 (410-24428-9), (410-24428-A-1-C MS) and (410-24428-A-1-D MSD)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Detection Summary

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-01 — **Lab Sample ID: 410-24428-1**

No Detections.

Client Sample ID: 2035739-02 — **Lab Sample ID: 410-24428-2**

No Detections.

Client Sample ID: 2035739-04 — **Lab Sample ID: 410-24428-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
C19-C36 Aliphatics (1C)	13	H	12	12	mg/Kg	1	☼	MA-EPH	Total/NA

Client Sample ID: 2035739-06 — **Lab Sample ID: 410-24428-4**

No Detections.

Client Sample ID: 2035739-08 — **Lab Sample ID: 410-24428-5**

No Detections.

Client Sample ID: 2035739-10 — **Lab Sample ID: 410-24428-6**

No Detections.

Client Sample ID: 2035739-12 — **Lab Sample ID: 410-24428-7**

No Detections.

Client Sample ID: 2035739-15 — **Lab Sample ID: 410-24428-8**

No Detections.

Client Sample ID: 2035739-17 — **Lab Sample ID: 410-24428-9**

No Detections.

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-01

Lab Sample ID: 410-24428-1
Date Collected: 12/04/20 08:27
Matrix: Solid
Date Received: 12/18/20 15:19
Percent Solids: 95.4

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C36 Aliphatics (1C)	ND	H	12	12	mg/Kg	☼	12/22/20 17:10	12/29/20 19:13	1
C9-C18 Aliphatics (1C)	ND	H	6.1	6.1	mg/Kg	☼	12/22/20 17:10	12/29/20 19:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane (Surr) (1C)	*40*		*40 - 140*	*12/22/20 17:10*	*12/29/20 19:13*	*1*

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Pyrene (1C)	ND	H	2.1	0.62	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Benzo[g,h,i]perylene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Indeno[1,2,3-cd]pyrene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Benzo[b]fluoranthene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Fluoranthene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Benzo[k]fluoranthene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Acenaphthylene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Chrysene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Benzo[a]pyrene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Dibenz(a,h)anthracene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Benzo[a]anthracene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Acenaphthene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Phenanthrene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Fluorene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
Naphthalene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
2-Methylnaphthalene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
C11-C22 Aromatics (unadjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1
C11-C22 Aromatics (Adjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/05/21 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr) (1C)	*96*		*40 - 140*	*01/03/21 09:49*	*01/05/21 21:23*	*1*
o- Terphenyl (Surr) (1C)	*80*		*40 - 140*	*01/03/21 09:49*	*01/05/21 21:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.6		1.0	1.0	%			12/21/20 21:07	1

Client Sample ID: 2035739-02

Lab Sample ID: 410-24428-2
Date Collected: 12/04/20 08:27
Matrix: Solid
Date Received: 12/18/20 15:19
Percent Solids: 94.5

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C36 Aliphatics (1C)	ND	H	12	12	mg/Kg	☼	12/22/20 17:10	12/29/20 21:15	1
C9-C18 Aliphatics (1C)	ND	H	6.2	6.2	mg/Kg	☼	12/22/20 17:10	12/29/20 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane (Surr) (1C)	*50*		*40 - 140*	*12/22/20 17:10*	*12/29/20 21:15*	*1*

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1

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Client Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-02

Lab Sample ID: 410-24428-2
Date Collected: 12/04/20 08:27
Matrix: Solid
Date Received: 12/18/20 15:19
Percent Solids: 94.5

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene (1C)	ND	H	2.1	0.64	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Benzo[g,h,i]perylene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Indeno[1,2,3-cd]pyrene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Benzo[b]fluoranthene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Fluoranthene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Benzo[k]fluoranthene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Acenaphthylene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Chrysene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Benzo[a]pyrene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Dibenz(a,h)anthracene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Benzo[a]anthracene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Acenaphthene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Phenanthrene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Fluorene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
Naphthalene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
2-Methylnaphthalene (1C)	ND	H	0.53	0.11	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
C11-C22 Aromatics (unadjusted) (1C)	ND	H	13	13	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1
C11-C22 Aromatics (Adjusted) (1C)	ND	H	13	13	mg/Kg	☼	01/03/21 09:49	01/05/21 23:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr) (1C)	*97*		*40 - 140*	*01/03/21 09:49*	*01/05/21 23:23*	*1*
o- terphenyl (Surr) (1C)	*75*		*40 - 140*	*01/03/21 09:49*	*01/05/21 23:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	5.5		1.0	1.0	%			12/21/20 21:07	1

Client Sample ID: 2035739-04

Lab Sample ID: 410-24428-3
Date Collected: 12/04/20 08:43
Matrix: Solid
Date Received: 12/18/20 15:19
Percent Solids: 98.7

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C36 Aliphatics (1C)	13	H	12	12	mg/Kg	☼	12/22/20 17:10	12/29/20 21:56	1
C9-C18 Aliphatics (1C)	ND	H	5.8	5.8	mg/Kg	☼	12/22/20 17:10	12/29/20 21:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane (Surr) (1C)	*49*		*40 - 140*	*12/22/20 17:10*	*12/29/20 21:56*	*1*

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Pyrene (1C)	ND	H	1.9	0.58	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Benzo[g,h,i]perylene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Indeno[1,2,3-cd]pyrene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Benzo[b]fluoranthene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Fluoranthene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Benzo[k]fluoranthene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Acenaphthylene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Chrysene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Benzo[a]pyrene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1

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Client Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-04

Lab Sample ID: 410-24428-3
Date Collected: 12/04/20 08:43
Matrix: Solid
Date Received: 12/18/20 15:19
Percent Solids: 98.7

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Benzo[a]anthracene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Acenaphthene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Phenanthrene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Fluorene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
Naphthalene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
2-Methylnaphthalene (1C)	ND	H	0.49	0.097	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
C11-C22 Aromatics (unadjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1
C11-C22 Aromatics (Adjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/06/21 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr) (1C)	*94*		*40 - 140*	*01/03/21 09:49*	*01/06/21 00:03*	*1*
o- terphenyl (Surr) (1C)	*75*		*40 - 140*	*01/03/21 09:49*	*01/06/21 00:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.3		1.0	1.0	%			12/21/20 21:07	1

Client Sample ID: 2035739-06

Lab Sample ID: 410-24428-4
Date Collected: 12/04/20 08:57
Matrix: Solid
Date Received: 12/18/20 15:19
Percent Solids: 91.1

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C36 Aliphatics (1C)	ND	H	13	13	mg/Kg	☼	12/22/20 17:10	12/29/20 22:36	1
C9-C18 Aliphatics (1C)	ND	H	6.4	6.4	mg/Kg	☼	12/22/20 17:10	12/29/20 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane (Surr) (1C)	*45*		*40 - 140*	*12/22/20 17:10*	*12/29/20 22:36*	*1*

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Pyrene (1C)	ND	H	2.2	0.65	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Benzo[g,h,i]perylene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Indeno[1,2,3-cd]pyrene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Benzo[b]fluoranthene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Fluoranthene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Benzo[k]fluoranthene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Acenaphthylene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Chrysene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Benzo[a]pyrene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Dibenz(a,h)anthracene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Benzo[a]anthracene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Acenaphthene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Phenanthrene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Fluorene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
Naphthalene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
2-Methylnaphthalene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
C11-C22 Aromatics (unadjusted) (1C)	ND	H	13	13	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1
C11-C22 Aromatics (Adjusted) (1C)	ND	H	13	13	mg/Kg	☼	01/03/21 09:49	01/06/21 00:43	1

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Client Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-06

Date Collected: 12/04/20 08:57
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-4
Matrix: Solid
Percent Solids: 91.1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr) (1C)	92		40 - 140	01/03/21 09:49	01/06/21 00:43	1
o- terphenyl (Surr) (1C)	72		40 - 140	01/03/21 09:49	01/06/21 00:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.9		1.0	1.0	%			12/21/20 21:07	1

Client Sample ID: 2035739-08

Date Collected: 12/04/20 09:12
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-5
Matrix: Solid
Percent Solids: 97.2

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C36 Aliphatics (1C)	ND	H	12	12	mg/Kg	☼	12/22/20 17:10	12/29/20 23:17	1
C9-C18 Aliphatics (1C)	ND	H	6.0	6.0	mg/Kg	☼	12/22/20 17:10	12/29/20 23:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctadecane (Surr) (1C)	57		40 - 140	12/22/20 17:10	12/29/20 23:17	1

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Pyrene (1C)	ND	H	2.1	0.62	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Benzo[g,h,i]perylene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Indeno[1,2,3-cd]pyrene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Benzo[b]fluoranthene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Fluoranthene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Benzo[k]fluoranthene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Acenaphthylene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Chrysene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Benzo[a]pyrene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Dibenz[a,h]anthracene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Benzo[a]anthracene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Acenaphthene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Phenanthrene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Fluorene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
Naphthalene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
2-Methylnaphthalene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
C11-C22 Aromatics (unadjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1
C11-C22 Aromatics (Adjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/06/21 01:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr) (1C)	98		40 - 140	01/03/21 09:49	01/06/21 01:23	1
o- terphenyl (Surr) (1C)	77		40 - 140	01/03/21 09:49	01/06/21 01:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.8		1.0	1.0	%			12/21/20 21:07	1

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Client Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-10

Lab Sample ID: 410-24428-6

Date Collected: 12/04/20 09:47
Date Received: 12/18/20 15:19

Matrix: Solid
Percent Solids: 95.4

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C36 Aliphatics (1C)	ND	H	12	12	mg/Kg	☼	12/22/20 17:10	12/29/20 23:58	1
C9-C18 Aliphatics (1C)	ND	H	6.1	6.1	mg/Kg	☼	12/22/20 17:10	12/29/20 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane (Surr) (1C)	*59*		*40 - 140*	*12/22/20 17:10*	*12/29/20 23:58*	*1*

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Pyrene (1C)	ND	H	2.0	0.60	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Benzo[g,h,i]perylene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Indeno[1,2,3-cd]pyrene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Benzo[b]fluoranthene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Fluoranthene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Benzo[k]fluoranthene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Acenaphthylene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Chrysene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Benzo[a]pyrene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Dibenz(a,h)anthracene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Benzo[a]anthracene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Acenaphthene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Phenanthrene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Fluorene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
Naphthalene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
2-Methylnaphthalene (1C)	ND	H	0.50	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
C11-C22 Aromatics (unadjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1
C11-C22 Aromatics (Adjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/06/21 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr) (1C)	*87*		*40 - 140*	*01/03/21 09:49*	*01/06/21 02:03*	*1*
o- Terphenyl (Surr) (1C)	*67*		*40 - 140*	*01/03/21 09:49*	*01/06/21 02:03*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.6		1.0	1.0	%			12/21/20 21:07	1

Client Sample ID: 2035739-12

Lab Sample ID: 410-24428-7

Date Collected: 12/04/20 10:35
Date Received: 12/18/20 15:19

Matrix: Solid
Percent Solids: 95.9

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C36 Aliphatics (1C)	ND	H	12	12	mg/Kg	☼	12/22/20 17:10	12/30/20 00:38	1
C9-C18 Aliphatics (1C)	ND	H	6.1	6.1	mg/Kg	☼	12/22/20 17:10	12/30/20 00:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane (Surr) (1C)	*50*		*40 - 140*	*12/22/20 17:10*	*12/30/20 00:38*	*1*

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1

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Client Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-12

Date Collected: 12/04/20 10:35
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-7
Matrix: Solid
Percent Solids: 95.9

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pyrene (1C)	ND	H	2.1	0.62	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Benzo[g,h,i]perylene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Indeno[1,2,3-cd]pyrene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Benzo[b]fluoranthene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Fluoranthene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Benzo[k]fluoranthene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Acenaphthylene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Chrysene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Benzo[a]pyrene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Dibenz(a,h)anthracene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Benzo[a]anthracene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Acenaphthene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Phenanthrene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Fluorene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
Naphthalene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
2-Methylnaphthalene (1C)	ND	H	0.52	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
C11-C22 Aromatics (unadjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1
C11-C22 Aromatics (Adjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/06/21 02:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr) (1C)	*86*		*40 - 140*	*01/03/21 09:49*	*01/06/21 02:43*	*1*
o- terphenyl (Surr) (1C)	*68*		*40 - 140*	*01/03/21 09:49*	*01/06/21 02:43*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	4.1		1.0	1.0	%			12/21/20 21:07	1

Client Sample ID: 2035739-15

Date Collected: 12/04/20 11:42
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-8
Matrix: Solid
Percent Solids: 89.1

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C36 Aliphatics (1C)	ND	H	13	13	mg/Kg	☼	12/22/20 17:10	12/30/20 01:19	1
C9-C18 Aliphatics (1C)	ND	H	6.6	6.6	mg/Kg	☼	12/22/20 17:10	12/30/20 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane (Surr) (1C)	*31*	*S1-*	*40 - 140*	*12/22/20 17:10*	*12/30/20 01:19*	*1*

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Pyrene (1C)	ND	H	2.2	0.65	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Benzo[g,h,i]perylene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Indeno[1,2,3-cd]pyrene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Benzo[b]fluoranthene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Fluoranthene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Benzo[k]fluoranthene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Acenaphthylene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Chrysene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Benzo[a]pyrene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1

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Client Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-15

Lab Sample ID: 410-24428-8
Date Collected: 12/04/20 11:42
Matrix: Solid
Date Received: 12/18/20 15:19
Percent Solids: 89.1

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Benzo[a]anthracene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Acenaphthene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Phenanthrene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Fluorene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
Naphthalene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
2-Methylnaphthalene (1C)	ND	H	0.54	0.11	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
C11-C22 Aromatics (unadjusted) (1C)	ND	H	13	13	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1
C11-C22 Aromatics (Adjusted) (1C)	ND	H	13	13	mg/Kg	☼	01/03/21 09:49	01/06/21 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl (Surr) (1C)	*93*		*40 - 140*	*01/03/21 09:49*	*01/06/21 03:23*	*1*
o- terphenyl (Surr) (1C)	*75*		*40 - 140*	*01/03/21 09:49*	*01/06/21 03:23*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10.9		1.0	1.0	%			12/21/20 21:07	1

Client Sample ID: 2035739-17

Lab Sample ID: 410-24428-9
Date Collected: 12/04/20 12:52
Matrix: Solid
Date Received: 12/18/20 15:19
Percent Solids: 97.0

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C36 Aliphatics (1C)	ND	H	12	12	mg/Kg	☼	12/22/20 17:10	12/30/20 01:59	1
C9-C18 Aliphatics (1C)	ND	H	6.1	6.1	mg/Kg	☼	12/22/20 17:10	12/30/20 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane (Surr) (1C)	*38*	*S1-*	*40 - 140*	*12/22/20 17:10*	*12/30/20 01:59*	*1*

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Pyrene (1C)	ND	H	2.0	0.61	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Benzo[g,h,i]perylene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Indeno[1,2,3-cd]pyrene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Benzo[b]fluoranthene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Fluoranthene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Benzo[k]fluoranthene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Acenaphthylene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Chrysene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Benzo[a]pyrene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Dibenz(a,h)anthracene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Benzo[a]anthracene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Acenaphthene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Phenanthrene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Fluorene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
Naphthalene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
2-Methylnaphthalene (1C)	ND	H	0.51	0.10	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
C11-C22 Aromatics (unadjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1
C11-C22 Aromatics (Adjusted) (1C)	ND	H	12	12	mg/Kg	☼	01/03/21 09:49	01/06/21 04:04	1

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Client Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-17
Date Collected: 12/04/20 12:52
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-9
Matrix: Solid
Percent Solids: 97.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr) (1C)	96		40 - 140	01/03/21 09:49	01/06/21 04:04	1
o- terphenyl (Surr) (1C)	76		40 - 140	01/03/21 09:49	01/06/21 04:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.0		1.0	1.0	%			12/21/20 21:07	1

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Surrogate Summary

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		1COD1
Lab Sample ID	Client Sample ID	(40-140)
410-24428-1	2035739-01	40
410-24428-1 MS	2035739-01	39 S1-
410-24428-1 MSD	2035739-01	46
410-24428-2	2035739-02	50
410-24428-3	2035739-04	49
410-24428-4	2035739-06	45
410-24428-5	2035739-08	57
410-24428-6	2035739-10	59
410-24428-7	2035739-12	50
410-24428-8	2035739-15	31 S1-
410-24428-9	2035739-17	38 S1-
LCS 410-79385/2-B	Lab Control Sample	46
LCSD 410-79385/3-B	Lab Control Sample Dup	39 S1-
MB 410-79385/1-B	Method Blank	31 S1-

Surrogate Legend

1COD = 1-Chlorooctadecane (Surr)

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		FBP1	OTP1
Lab Sample ID	Client Sample ID	(40-140)	(40-140)
410-24428-1 - RE	2035739-01	96	80
410-24428-1 MS - RE	2035739-01	101	79
410-24428-1 MSD - RE	2035739-01	95	77
410-24428-2 - RE	2035739-02	97	75
410-24428-3 - RE	2035739-04	94	75
410-24428-4 - RE	2035739-06	92	72
410-24428-5 - RE	2035739-08	98	77
410-24428-6 - RE	2035739-10	87	67
410-24428-7 - RE	2035739-12	86	68
410-24428-8 - RE	2035739-15	93	75
410-24428-9 - RE	2035739-17	96	76
LCS 410-81606/2-C	Lab Control Sample	88	72
LCSD 410-81606/3-C	Lab Control Sample Dup	99	79
MB 410-81606/1-C	Method Blank	93	71

Surrogate Legend

FBP = 2-Fluorobiphenyl (Surr)
OTP = o- terphenyl (Surr)

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QC Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC)

Lab Sample ID: MB 410-79385/1-B
Matrix: Solid
Analysis Batch: 80635

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 79385

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C19-C36 Aliphatics (1C)	ND		12	12	mg/Kg		12/22/20 17:10	12/29/20 16:50	1
C9-C18 Aliphatics (1C)	ND		6.0	6.0	mg/Kg		12/22/20 17:10	12/29/20 16:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctadecane (Surr) (1C)	*31*	*S1-*	*40 - 140*	*12/22/20 17:10*	*12/29/20 16:50*	*1*

Lab Sample ID: LCS 410-79385/2-B
Matrix: Solid
Analysis Batch: 80635

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 79385

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
C19-C36 Aliphatics (1C)	32.1	22.5		mg/Kg		70	40 - 140
C9-C18 Aliphatics (1C)	24.1	15.4		mg/Kg		64	40 - 140

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctadecane (Surr) (1C)	*46*		*40 - 140*

Lab Sample ID: LCSD 410-79385/3-B
Matrix: Solid
Analysis Batch: 80635

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 79385

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C19-C36 Aliphatics (1C)	32.1	21.3		mg/Kg		66	40 - 140	6	25
C9-C18 Aliphatics (1C)	24.1	14.1		mg/Kg		58	40 - 140	9	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctadecane (Surr) (1C)	*39*	*S1-*	*40 - 140*

Lab Sample ID: 410-24428-1 MS
Matrix: Solid
Analysis Batch: 80635

Client Sample ID: 2035739-01
Prep Type: Total/NA
Prep Batch: 79385

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
C19-C36 Aliphatics (1C)	ND	H	32.7	27.5		mg/Kg	☼	84	40 - 140
C9-C18 Aliphatics (1C)	ND	H	24.5	13.8		mg/Kg	☼	56	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctadecane (Surr) (1C)	*39*	*S1-*	*40 - 140*

Lab Sample ID: 410-24428-1 MSD
Matrix: Solid
Analysis Batch: 80635

Client Sample ID: 2035739-01
Prep Type: Total/NA
Prep Batch: 79385

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
C19-C36 Aliphatics (1C)	ND	H	32.4	23.9		mg/Kg	☼	74	40 - 140	14	50
C9-C18 Aliphatics (1C)	ND	H	24.3	11.3		mg/Kg	☼	47	40 - 140	19	50

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QC Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) (Continued)

Lab Sample ID: 410-24428-1 MSD
Matrix: Solid
Analysis Batch: 80635

Client Sample ID: 2035739-01
Prep Type: Total/NA
Prep Batch: 79385

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctadecane (Surr) (1C)	46		40 - 140

Lab Sample ID: MB 410-81606/1-C
Matrix: Solid
Analysis Batch: 82211

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 81606

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Pyrene (1C)	ND		2.0	0.60	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Benzo[g,h,i]perylene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Indeno[1,2,3-cd]pyrene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Benzo[b]fluoranthene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Fluoranthene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Benzo[k]fluoranthene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Acenaphthylene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Chrysene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Benzo[a]pyrene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Dibenz(a,h)anthracene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Benzo[a]anthracene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Acenaphthene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Phenanthrene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Fluorene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
Naphthalene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
2-Methylnaphthalene (1C)	ND		0.50	0.10	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
C11-C22 Aromatics (unadjusted) (1C)	ND		12	12	mg/Kg		01/03/21 09:49	01/05/21 19:22	1
C11-C22 Aromatics (Adjusted) (1C)	ND		12	12	mg/Kg		01/03/21 09:49	01/05/21 19:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr) (1C)	93		40 - 140	01/03/21 09:49	01/05/21 19:22	1
o- Terphenyl (Surr) (1C)	71		40 - 140	01/03/21 09:49	01/05/21 19:22	1

Lab Sample ID: LCS 410-81606/2-C
Matrix: Solid
Analysis Batch: 82211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81606

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Anthracene (1C)	4.01	3.19		mg/Kg		80	40 - 140
Pyrene (1C)	4.00	3.32		mg/Kg		83	40 - 140
Benzo[g,h,i]perylene (1C)	4.00	2.83		mg/Kg		71	40 - 140
Indeno[1,2,3-cd]pyrene (1C)	4.00	2.75		mg/Kg		69	40 - 140
Benzo[b]fluoranthene (1C)	4.01	2.81		mg/Kg		70	40 - 140
Fluoranthene (1C)	4.00	3.07		mg/Kg		77	40 - 140
Benzo[k]fluoranthene (1C)	4.01	2.97		mg/Kg		74	40 - 140
Acenaphthylene (1C)	4.01	2.83		mg/Kg		71	40 - 140
Chrysene (1C)	4.01	2.85		mg/Kg		71	40 - 140
Benzo[a]pyrene (1C)	4.01	2.99		mg/Kg		74	40 - 140
Dibenz(a,h)anthracene (1C)	3.99	2.69		mg/Kg		67	40 - 140
Benzo[a]anthracene (1C)	4.02	2.94		mg/Kg		73	40 - 140

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QC Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) (Continued)

Lab Sample ID: LCS 410-81606/2-C
Matrix: Solid
Analysis Batch: 82211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 81606

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene (1C)	4.01	2.74		mg/Kg		68	40 - 140
Phenanthrene (1C)	4.00	2.88		mg/Kg		72	40 - 140
Fluorene (1C)	4.01	2.81		mg/Kg		70	40 - 140
Naphthalene (1C)	4.02	2.53		mg/Kg		63	40 - 140
2-Methylnaphthalene (1C)	4.00	2.63		mg/Kg		66	40 - 140
C11-C22 Aromatics (unadjusted) (1C)	68.1	49.7		mg/Kg		73	40 - 140

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2-Fluorobiphenyl (Surr) (1C)	68		40 - 140
o- terphenyl (Surr) (1C)	72		40 - 140

Lab Sample ID: LCSD 410-81606/3-C
Matrix: Solid
Analysis Batch: 82211

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 81606

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Anthracene (1C)	4.01	3.57		mg/Kg		89	40 - 140	11	30
Pyrene (1C)	4.00	3.82		mg/Kg		95	40 - 140	14	30
Benzo[g,h,i]perylene (1C)	4.00	3.19		mg/Kg		80	40 - 140	12	30
Indeno[1,2,3-cd]pyrene (1C)	4.00	3.12		mg/Kg		78	40 - 140	13	30
Benzo[b]fluoranthene (1C)	4.01	3.43		mg/Kg		85	40 - 140	20	30
Fluoranthene (1C)	4.00	3.43		mg/Kg		86	40 - 140	11	30
Benzo[k]fluoranthene (1C)	4.01	3.04		mg/Kg		76	40 - 140	2	30
Acenaphthylene (1C)	4.01	3.20		mg/Kg		80	40 - 140	12	30
Chrysene (1C)	4.01	3.20		mg/Kg		80	40 - 140	12	30
Benzo[a]pyrene (1C)	4.01	3.39		mg/Kg		84	40 - 140	13	30
Dibenz(a,h)anthracene (1C)	3.99	3.08		mg/Kg		77	40 - 140	14	30
Benzo[a]anthracene (1C)	4.02	3.29		mg/Kg		82	40 - 140	11	30
Acenaphthene (1C)	4.01	3.10		mg/Kg		77	40 - 140	12	30
Phenanthrene (1C)	4.00	3.22		mg/Kg		81	40 - 140	11	30
Fluorene (1C)	4.01	3.16		mg/Kg		79	40 - 140	12	30
Naphthalene (1C)	4.02	2.95		mg/Kg		74	40 - 140	15	30
2-Methylnaphthalene (1C)	4.00	3.04		mg/Kg		76	40 - 140	14	30
C11-C22 Aromatics (unadjusted) (1C)	68.1	56.5		mg/Kg		83	40 - 140	13	25

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2-Fluorobiphenyl (Surr) (1C)	99		40 - 140
o- terphenyl (Surr) (1C)	79		40 - 140

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE

Lab Sample ID: 410-24428-1 MS
Matrix: Solid
Analysis Batch: 82211

Client Sample ID: 2035739-01
Prep Type: Total/NA
Prep Batch: 81606

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Anthracene (1C) - RE	ND	H	4.21	3.75		mg/Kg	☼	89	40 - 140

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QC Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE (Continued)

Lab Sample ID: 410-24428-1 MS
Matrix: Solid
Analysis Batch: 82211

Client Sample ID: 2035739-01
Prep Type: Total/NA
Prep Batch: 81606

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Pyrene (1C) - RE	ND	H	4.20	3.79		mg/Kg	☼	90	40 - 140
Benzo[g,h,i]perylene (1C) - RE	ND	H	4.20	3.37		mg/Kg	☼	80	40 - 140
Indeno[1,2,3-cd]pyrene (1C) - RE	ND	H	4.20	3.39		mg/Kg	☼	81	40 - 140
Benzo[b]fluoranthene (1C) - RE	ND	H	4.21	3.41		mg/Kg	☼	81	40 - 140
Fluoranthene (1C) - RE	ND	H	4.20	3.67		mg/Kg	☼	87	40 - 140
Benzo[k]fluoranthene (1C) - RE	ND	H	4.20	3.32		mg/Kg	☼	79	40 - 140
Acenaphthylene (1C) - RE	ND	H	4.20	3.37		mg/Kg	☼	80	40 - 140
Chrysene (1C) - RE	ND	H	4.20	3.21		mg/Kg	☼	76	40 - 140
Benzo[a]pyrene (1C) - RE	ND	H	4.21	3.52		mg/Kg	☼	84	40 - 140
Dibenz(a,h)anthracene (1C) - RE	ND	H	4.18	3.26		mg/Kg	☼	78	40 - 140
Benzo[a]anthracene (1C) - RE	ND	H	4.21	3.36		mg/Kg	☼	80	40 - 140
Acenaphthene (1C) - RE	ND	H	4.20	3.28		mg/Kg	☼	78	40 - 140
Phenanthrene (1C) - RE	ND	H	4.19	3.48		mg/Kg	☼	83	40 - 140
Fluorene (1C) - RE	ND	H	4.20	3.37		mg/Kg	☼	80	40 - 140
Naphthalene (1C) - RE	ND	H	4.21	2.96		mg/Kg	☼	70	40 - 140
2-Methylnaphthalene (1C) - RE	ND	H	4.20	3.11		mg/Kg	☼	74	40 - 140
C11-C22 Aromatics (unadjusted) (1C) - RE	ND	H	71.4	60.3		mg/Kg	☼	84	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl (Surr) (1C) - RE	*101*		*40 - 140*
o- terphenyl (Surr) (1C) - RE	*79*		*40 - 140*

Lab Sample ID: 410-24428-1 MSD
Matrix: Solid
Analysis Batch: 82211

Client Sample ID: 2035739-01
Prep Type: Total/NA
Prep Batch: 81606

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Anthracene (1C) - RE	ND	H	4.04	3.49		mg/Kg	☼	86	40 - 140	7	50
Pyrene (1C) - RE	ND	H	4.04	3.62		mg/Kg	☼	90	40 - 140	5	50
Benzo[g,h,i]perylene (1C) - RE	ND	H	4.04	3.12		mg/Kg	☼	77	40 - 140	8	50
Indeno[1,2,3-cd]pyrene (1C) - RE	ND	H	4.04	3.12		mg/Kg	☼	77	40 - 140	8	50
Benzo[b]fluoranthene (1C) - RE	ND	H	4.04	3.06		mg/Kg	☼	76	40 - 140	11	50
Fluoranthene (1C) - RE	ND	H	4.04	3.39		mg/Kg	☼	84	40 - 140	8	50
Benzo[k]fluoranthene (1C) - RE	ND	H	4.04	3.20		mg/Kg	☼	79	40 - 140	4	50
Acenaphthylene (1C) - RE	ND	H	4.04	3.06		mg/Kg	☼	76	40 - 140	10	50
Chrysene (1C) - RE	ND	H	4.04	3.02		mg/Kg	☼	75	40 - 140	6	50
Benzo[a]pyrene (1C) - RE	ND	H	4.04	3.31		mg/Kg	☼	82	40 - 140	6	50
Dibenz(a,h)anthracene (1C) - RE	ND	H	4.02	3.09		mg/Kg	☼	77	40 - 140	5	50
Benzo[a]anthracene (1C) - RE	ND	H	4.05	3.14		mg/Kg	☼	78	40 - 140	7	50
Acenaphthene (1C) - RE	ND	H	4.04	2.98		mg/Kg	☼	74	40 - 140	9	50
Phenanthrene (1C) - RE	ND	H	4.03	3.20		mg/Kg	☼	79	40 - 140	8	50
Fluorene (1C) - RE	ND	H	4.04	3.08		mg/Kg	☼	76	40 - 140	9	50
Naphthalene (1C) - RE	ND	H	4.05	2.65		mg/Kg	☼	66	40 - 140	11	50
2-Methylnaphthalene (1C) - RE	ND	H	4.04	2.81		mg/Kg	☼	70	40 - 140	10	50
C11-C22 Aromatics (unadjusted) (1C) - RE	ND	H	68.7	55.3		mg/Kg	☼	81	40 - 140	9	50

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QC Sample Results

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Method: MA-EPH - Massachusetts - Extractable Petroleum Hydrocarbons (GC) - RE (Continued)

Lab Sample ID: 410-24428-1 MSD
Matrix: Solid
Analysis Batch: 82211

Client Sample ID: 2035739-01
Prep Type: Total/NA
Prep Batch: 81606

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2-Fluorobiphenyl (Surr) (1C) - RE	95		40 - 140
o- terphenyl (Surr) (1C) - RE	77		40 - 140

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QC Association Summary

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

GC Semi VOA

Prep Batch: 79385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-24428-1	2035739-01	Total/NA	Solid	3546	
410-24428-2	2035739-02	Total/NA	Solid	3546	
410-24428-3	2035739-04	Total/NA	Solid	3546	
410-24428-4	2035739-06	Total/NA	Solid	3546	
410-24428-5	2035739-08	Total/NA	Solid	3546	
410-24428-6	2035739-10	Total/NA	Solid	3546	
410-24428-7	2035739-12	Total/NA	Solid	3546	
410-24428-8	2035739-15	Total/NA	Solid	3546	
410-24428-9	2035739-17	Total/NA	Solid	3546	
MB 410-79385/1-B	Method Blank	Total/NA	Solid	3546	
MB 410-79385/1-C	Method Blank	Total/NA	Solid	3546	
LCS 410-79385/2-B	Lab Control Sample	Total/NA	Solid	3546	
LCS 410-79385/2-C	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-79385/3-B	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 410-79385/3-C	Lab Control Sample Dup	Total/NA	Solid	3546	
410-24428-1 MS	2035739-01	Total/NA	Solid	3546	
410-24428-1 MSD	2035739-01	Total/NA	Solid	3546	

Cleanup Batch: 79802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-24428-1	2035739-01	Total/NA	Solid	3630C	79385
410-24428-1	2035739-01	Total/NA	Solid	3630C	79385
410-24428-2	2035739-02	Total/NA	Solid	3630C	79385
410-24428-2	2035739-02	Total/NA	Solid	3630C	79385
410-24428-3	2035739-04	Total/NA	Solid	3630C	79385
410-24428-3	2035739-04	Total/NA	Solid	3630C	79385
410-24428-4	2035739-06	Total/NA	Solid	3630C	79385
410-24428-4	2035739-06	Total/NA	Solid	3630C	79385
410-24428-5	2035739-08	Total/NA	Solid	3630C	79385
410-24428-5	2035739-08	Total/NA	Solid	3630C	79385
410-24428-6	2035739-10	Total/NA	Solid	3630C	79385
410-24428-6	2035739-10	Total/NA	Solid	3630C	79385
410-24428-7	2035739-12	Total/NA	Solid	3630C	79385
410-24428-7	2035739-12	Total/NA	Solid	3630C	79385
410-24428-8	2035739-15	Total/NA	Solid	3630C	79385
410-24428-8	2035739-15	Total/NA	Solid	3630C	79385
410-24428-9	2035739-17	Total/NA	Solid	3630C	79385
410-24428-9	2035739-17	Total/NA	Solid	3630C	79385
MB 410-79385/1-B	Method Blank	Total/NA	Solid	3630C	79385
MB 410-79385/1-C	Method Blank	Total/NA	Solid	3630C	79385
LCS 410-79385/2-B	Lab Control Sample	Total/NA	Solid	3630C	79385
LCS 410-79385/2-C	Lab Control Sample	Total/NA	Solid	3630C	79385
LCSD 410-79385/3-B	Lab Control Sample Dup	Total/NA	Solid	3630C	79385
LCSD 410-79385/3-C	Lab Control Sample Dup	Total/NA	Solid	3630C	79385
410-24428-1 MS	2035739-01	Total/NA	Solid	3630C	79385
410-24428-1 MS	2035739-01	Total/NA	Solid	3630C	79385
410-24428-1 MSD	2035739-01	Total/NA	Solid	3630C	79385
410-24428-1 MSD	2035739-01	Total/NA	Solid	3630C	79385

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QC Association Summary

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

GC Semi VOA

Analysis Batch: 80634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-24428-1	2035739-01	Total/NA	Solid	MA-EPH	79802
410-24428-2	2035739-02	Total/NA	Solid	MA-EPH	79802
410-24428-3	2035739-04	Total/NA	Solid	MA-EPH	79802
410-24428-4	2035739-06	Total/NA	Solid	MA-EPH	79802
410-24428-5	2035739-08	Total/NA	Solid	MA-EPH	79802
410-24428-6	2035739-10	Total/NA	Solid	MA-EPH	79802
410-24428-7	2035739-12	Total/NA	Solid	MA-EPH	79802
410-24428-8	2035739-15	Total/NA	Solid	MA-EPH	79802
410-24428-9	2035739-17	Total/NA	Solid	MA-EPH	79802
MB 410-79385/1-C	Method Blank	Total/NA	Solid	MA-EPH	79802
LCS 410-79385/2-C	Lab Control Sample	Total/NA	Solid	MA-EPH	79802
LCSD 410-79385/3-C	Lab Control Sample Dup	Total/NA	Solid	MA-EPH	79802
410-24428-1 MS	2035739-01	Total/NA	Solid	MA-EPH	79802
410-24428-1 MSD	2035739-01	Total/NA	Solid	MA-EPH	79802

Analysis Batch: 80635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-24428-1	2035739-01	Total/NA	Solid	MA-EPH	79802
410-24428-2	2035739-02	Total/NA	Solid	MA-EPH	79802
410-24428-3	2035739-04	Total/NA	Solid	MA-EPH	79802
410-24428-4	2035739-06	Total/NA	Solid	MA-EPH	79802
410-24428-5	2035739-08	Total/NA	Solid	MA-EPH	79802
410-24428-6	2035739-10	Total/NA	Solid	MA-EPH	79802
410-24428-7	2035739-12	Total/NA	Solid	MA-EPH	79802
410-24428-8	2035739-15	Total/NA	Solid	MA-EPH	79802
410-24428-9	2035739-17	Total/NA	Solid	MA-EPH	79802
MB 410-79385/1-B	Method Blank	Total/NA	Solid	MA-EPH	79802
LCS 410-79385/2-B	Lab Control Sample	Total/NA	Solid	MA-EPH	79802
LCSD 410-79385/3-B	Lab Control Sample Dup	Total/NA	Solid	MA-EPH	79802
410-24428-1 MS	2035739-01	Total/NA	Solid	MA-EPH	79802
410-24428-1 MSD	2035739-01	Total/NA	Solid	MA-EPH	79802

Prep Batch: 81606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-24428-1 - RE	2035739-01	Total/NA	Solid	3546	
410-24428-2 - RE	2035739-02	Total/NA	Solid	3546	
410-24428-3 - RE	2035739-04	Total/NA	Solid	3546	
410-24428-4 - RE	2035739-06	Total/NA	Solid	3546	
410-24428-5 - RE	2035739-08	Total/NA	Solid	3546	
410-24428-6 - RE	2035739-10	Total/NA	Solid	3546	
410-24428-7 - RE	2035739-12	Total/NA	Solid	3546	
410-24428-8 - RE	2035739-15	Total/NA	Solid	3546	
410-24428-9 - RE	2035739-17	Total/NA	Solid	3546	
MB 410-81606/1-B	Method Blank	Total/NA	Solid	3546	
MB 410-81606/1-C	Method Blank	Total/NA	Solid	3546	
LCS 410-81606/2-B	Lab Control Sample	Total/NA	Solid	3546	
LCS 410-81606/2-C	Lab Control Sample	Total/NA	Solid	3546	
LCSD 410-81606/3-B	Lab Control Sample Dup	Total/NA	Solid	3546	
LCSD 410-81606/3-C	Lab Control Sample Dup	Total/NA	Solid	3546	
410-24428-1 MS - RE	2035739-01	Total/NA	Solid	3546	
410-24428-1 MSD - RE	2035739-01	Total/NA	Solid	3546	

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QC Association Summary

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

GC Semi VOA

Cleanup Batch: 82000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-24428-1 - RE	2035739-01	Total/NA	Solid	3630C	81606
410-24428-1 - RE	2035739-01	Total/NA	Solid	3630C	81606
410-24428-2 - RE	2035739-02	Total/NA	Solid	3630C	81606
410-24428-2 - RE	2035739-02	Total/NA	Solid	3630C	81606
410-24428-3 - RE	2035739-04	Total/NA	Solid	3630C	81606
410-24428-3 - RE	2035739-04	Total/NA	Solid	3630C	81606
410-24428-4 - RE	2035739-06	Total/NA	Solid	3630C	81606
410-24428-4 - RE	2035739-06	Total/NA	Solid	3630C	81606
410-24428-5 - RE	2035739-08	Total/NA	Solid	3630C	81606
410-24428-5 - RE	2035739-08	Total/NA	Solid	3630C	81606
410-24428-6 - RE	2035739-10	Total/NA	Solid	3630C	81606
410-24428-6 - RE	2035739-10	Total/NA	Solid	3630C	81606
410-24428-7 - RE	2035739-12	Total/NA	Solid	3630C	81606
410-24428-7 - RE	2035739-12	Total/NA	Solid	3630C	81606
410-24428-8 - RE	2035739-15	Total/NA	Solid	3630C	81606
410-24428-8 - RE	2035739-15	Total/NA	Solid	3630C	81606
410-24428-9 - RE	2035739-17	Total/NA	Solid	3630C	81606
410-24428-9 - RE	2035739-17	Total/NA	Solid	3630C	81606
MB 410-81606/1-B	Method Blank	Total/NA	Solid	3630C	81606
MB 410-81606/1-C	Method Blank	Total/NA	Solid	3630C	81606
LCS 410-81606/2-B	Lab Control Sample	Total/NA	Solid	3630C	81606
LCS 410-81606/2-C	Lab Control Sample	Total/NA	Solid	3630C	81606
LCSD 410-81606/3-B	Lab Control Sample Dup	Total/NA	Solid	3630C	81606
LCSD 410-81606/3-C	Lab Control Sample Dup	Total/NA	Solid	3630C	81606
410-24428-1 MS - RE	2035739-01	Total/NA	Solid	3630C	81606
410-24428-1 MS - RE	2035739-01	Total/NA	Solid	3630C	81606
410-24428-1 MSD - RE	2035739-01	Total/NA	Solid	3630C	81606
410-24428-1 MSD - RE	2035739-01	Total/NA	Solid	3630C	81606

Analysis Batch: 82211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-24428-1 - RE	2035739-01	Total/NA	Solid	MA-EPH	82000
410-24428-2 - RE	2035739-02	Total/NA	Solid	MA-EPH	82000
410-24428-3 - RE	2035739-04	Total/NA	Solid	MA-EPH	82000
410-24428-4 - RE	2035739-06	Total/NA	Solid	MA-EPH	82000
410-24428-5 - RE	2035739-08	Total/NA	Solid	MA-EPH	82000
410-24428-6 - RE	2035739-10	Total/NA	Solid	MA-EPH	82000
410-24428-7 - RE	2035739-12	Total/NA	Solid	MA-EPH	82000
410-24428-8 - RE	2035739-15	Total/NA	Solid	MA-EPH	82000
410-24428-9 - RE	2035739-17	Total/NA	Solid	MA-EPH	82000
MB 410-81606/1-C	Method Blank	Total/NA	Solid	MA-EPH	82000
LCS 410-81606/2-C	Lab Control Sample	Total/NA	Solid	MA-EPH	82000
LCSD 410-81606/3-C	Lab Control Sample Dup	Total/NA	Solid	MA-EPH	82000
410-24428-1 MS - RE	2035739-01	Total/NA	Solid	MA-EPH	82000
410-24428-1 MSD - RE	2035739-01	Total/NA	Solid	MA-EPH	82000

Analysis Batch: 82217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-24428-1 - RE	2035739-01	Total/NA	Solid	MA-EPH	82000
410-24428-2 - RE	2035739-02	Total/NA	Solid	MA-EPH	82000
410-24428-3 - RE	2035739-04	Total/NA	Solid	MA-EPH	82000

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QC Association Summary

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

GC Semi VOA (Continued)

Analysis Batch: 82217 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-24428-4 - RE	2035739-06	Total/NA	Solid	MA-EPH	82000
410-24428-5 - RE	2035739-08	Total/NA	Solid	MA-EPH	82000
410-24428-6 - RE	2035739-10	Total/NA	Solid	MA-EPH	82000
410-24428-7 - RE	2035739-12	Total/NA	Solid	MA-EPH	82000
410-24428-8 - RE	2035739-15	Total/NA	Solid	MA-EPH	82000
410-24428-9 - RE	2035739-17	Total/NA	Solid	MA-EPH	82000
MB 410-81606/1-B	Method Blank	Total/NA	Solid	MA-EPH	82000
LCS 410-81606/2-B	Lab Control Sample	Total/NA	Solid	MA-EPH	82000
LCSD 410-81606/3-B	Lab Control Sample Dup	Total/NA	Solid	MA-EPH	82000
410-24428-1 MS - RE	2035739-01	Total/NA	Solid	MA-EPH	82000
410-24428-1 MSD - RE	2035739-01	Total/NA	Solid	MA-EPH	82000

General Chemistry

Analysis Batch: 79021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-24428-1	2035739-01	Total/NA	Solid	Moisture	
410-24428-2	2035739-02	Total/NA	Solid	Moisture	
410-24428-3	2035739-04	Total/NA	Solid	Moisture	
410-24428-4	2035739-06	Total/NA	Solid	Moisture	
410-24428-5	2035739-08	Total/NA	Solid	Moisture	
410-24428-6	2035739-10	Total/NA	Solid	Moisture	
410-24428-7	2035739-12	Total/NA	Solid	Moisture	
410-24428-8	2035739-15	Total/NA	Solid	Moisture	
410-24428-9	2035739-17	Total/NA	Solid	Moisture	

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Lab Chronicle

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-01
Date Collected: 12/04/20 08:27
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	79021	12/21/20 21:07	OEL4	ELLE

Client Sample ID: 2035739-01
Date Collected: 12/04/20 08:27
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-1
Matrix: Solid
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80634	12/29/20 19:13	UHEW	ELLE
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80635	12/29/20 19:13	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82211	01/05/21 21:23	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82217	01/05/21 21:23	UHEW	ELLE

Client Sample ID: 2035739-02
Date Collected: 12/04/20 08:27
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	79021	12/21/20 21:07	OEL4	ELLE

Client Sample ID: 2035739-02
Date Collected: 12/04/20 08:27
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-2
Matrix: Solid
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80634	12/29/20 21:15	UHEW	ELLE
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80635	12/29/20 21:15	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82211	01/05/21 23:23	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82217	01/05/21 23:23	UHEW	ELLE

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Lab Chronicle

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-04 — **Lab Sample ID: 410-24428-3**
Date Collected: 12/04/20 08:43 — **Matrix: Solid**
Date Received: 12/18/20 15:19

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	79021	12/21/20 21:07	OEL4	ELLE

Client Sample ID: 2035739-04 — **Lab Sample ID: 410-24428-3**
Date Collected: 12/04/20 08:43 — **Matrix: Solid**
Date Received: 12/18/20 15:19 — **Percent Solids: 98.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80634	12/29/20 21:56	UHEW	ELLE
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80635	12/29/20 21:56	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82211	01/06/21 00:03	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82217	01/06/21 00:03	UHEW	ELLE

Client Sample ID: 2035739-06 — **Lab Sample ID: 410-24428-4**
Date Collected: 12/04/20 08:57 — **Matrix: Solid**
Date Received: 12/18/20 15:19

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	79021	12/21/20 21:07	OEL4	ELLE

Client Sample ID: 2035739-06 — **Lab Sample ID: 410-24428-4**
Date Collected: 12/04/20 08:57 — **Matrix: Solid**
Date Received: 12/18/20 15:19 — **Percent Solids: 91.1**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80634	12/29/20 22:36	UHEW	ELLE
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80635	12/29/20 22:36	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82211	01/06/21 00:43	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82217	01/06/21 00:43	UHEW	ELLE

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Lab Chronicle

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-08
Date Collected: 12/04/20 09:12
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	79021	12/21/20 21:07	OEL4	ELLE

Client Sample ID: 2035739-08
Date Collected: 12/04/20 09:12
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-5
Matrix: Solid
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80634	12/29/20 23:17	UHEW	ELLE
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80635	12/29/20 23:17	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82211	01/06/21 01:23	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82217	01/06/21 01:23	UHEW	ELLE

Client Sample ID: 2035739-10
Date Collected: 12/04/20 09:47
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	79021	12/21/20 21:07	OEL4	ELLE

Client Sample ID: 2035739-10
Date Collected: 12/04/20 09:47
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-6
Matrix: Solid
Percent Solids: 95.4

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80634	12/29/20 23:58	UHEW	ELLE
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80635	12/29/20 23:58	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82211	01/06/21 02:03	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82217	01/06/21 02:03	UHEW	ELLE

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Lab Chronicle

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-12
Date Collected: 12/04/20 10:35
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	79021	12/21/20 21:07	OEL4	ELLE

Client Sample ID: 2035739-12
Date Collected: 12/04/20 10:35
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-7
Matrix: Solid
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80634	12/30/20 00:38	UHEW	ELLE
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80635	12/30/20 00:38	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82211	01/06/21 02:43	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82217	01/06/21 02:43	UHEW	ELLE

Client Sample ID: 2035739-15
Date Collected: 12/04/20 11:42
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	79021	12/21/20 21:07	OEL4	ELLE

Client Sample ID: 2035739-15
Date Collected: 12/04/20 11:42
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-8
Matrix: Solid
Percent Solids: 89.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80634	12/30/20 01:19	UHEW	ELLE
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80635	12/30/20 01:19	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82211	01/06/21 03:23	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82217	01/06/21 03:23	UHEW	ELLE

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Lab Chronicle

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Client Sample ID: 2035739-17
Date Collected: 12/04/20 12:52
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	79021	12/21/20 21:07	OEL4	ELLE

Client Sample ID: 2035739-17
Date Collected: 12/04/20 12:52
Date Received: 12/18/20 15:19

Lab Sample ID: 410-24428-9
Matrix: Solid
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80634	12/30/20 01:59	UHEW	ELLE
Total/NA	Prep	3546			79385	12/22/20 17:10	EH	ELLE
Total/NA	Cleanup	3630C			79802	12/23/20 15:16	DFX4	ELLE
Total/NA	Analysis	MA-EPH		1	80635	12/30/20 01:59	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82211	01/06/21 04:04	UHEW	ELLE
Total/NA	Prep	3546	RE		81606	01/03/21 09:49	DN9W	ELLE
Total/NA	Cleanup	3630C	RE		82000	01/05/21 09:31	QTH7	ELLE
Total/NA	Analysis	MA-EPH	RE	1	82217	01/06/21 04:04	UHEW	ELLE

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Eurofins Lancaster Laboratories Env, LLC

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Accreditation/Certification Summary

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Laboratory: Eurofins Lancaster Laboratories Env, LLC

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	2792	01-31-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
MA-EPH	3546	Solid	2-Methylnaphthalene (1C)
MA-EPH	3546	Solid	Acenaphthene (1C)
MA-EPH	3546	Solid	Acenaphthylene (1C)
MA-EPH	3546	Solid	Anthracene (1C)
MA-EPH	3546	Solid	Benzo[a]anthracene (1C)
MA-EPH	3546	Solid	Benzo[a]pyrene (1C)
MA-EPH	3546	Solid	Benzo[b]fluoranthene (1C)
MA-EPH	3546	Solid	Benzo[g,h,i]perylene (1C)
MA-EPH	3546	Solid	Benzo[k]fluoranthene (1C)
MA-EPH	3546	Solid	C11-C22 Aromatics (Adjusted) (1C)
MA-EPH	3546	Solid	C11-C22 Aromatics (unadjusted) (1C)
MA-EPH	3546	Solid	C19-C36 Aliphatics (1C)
MA-EPH	3546	Solid	C9-C18 Aliphatics (1C)
MA-EPH	3546	Solid	Chrysene (1C)
MA-EPH	3546	Solid	Dibenz(a,h)anthracene (1C)
MA-EPH	3546	Solid	Fluoranthene (1C)
MA-EPH	3546	Solid	Fluorene (1C)
MA-EPH	3546	Solid	Indeno[1,2,3-cd]pyrene (1C)
MA-EPH	3546	Solid	Naphthalene (1C)
MA-EPH	3546	Solid	Phenanthrene (1C)
MA-EPH	3546	Solid	Pyrene (1C)
Moisture		Solid	Percent Moisture

Eurofins Lancaster Laboratories Env, LLC

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Method Summary

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Method	Method Description	Protocol	Laboratory
MA-EPH	Massachusetts - Extractable Petroleum Hydrocarbons (GC)	MA DEP	ELLE
Moisture	Percent Moisture	EPA	ELLE
3546	Microwave Extraction	SW846	ELLE
3630C	Silica Gel Cleanup	SW846	ELLE

Protocol References:

EPA = US Environmental Protection Agency

MA DEP = Massachusetts Department Of Environmental Protection

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Env, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

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Sample Summary

Client: BC Laboratories
Project/Site: 2035739

Job ID: 410-24428-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
410-24428-1	2035739-01	Solid	12/04/20 08:27	12/18/20 15:19	
410-24428-2	2035739-02	Solid	12/04/20 08:27	12/18/20 15:19	
410-24428-3	2035739-04	Solid	12/04/20 08:43	12/18/20 15:19	
410-24428-4	2035739-06	Solid	12/04/20 08:57	12/18/20 15:19	
410-24428-5	2035739-08	Solid	12/04/20 09:12	12/18/20 15:19	
410-24428-6	2035739-10	Solid	12/04/20 09:47	12/18/20 15:19	
410-24428-7	2035739-12	Solid	12/04/20 10:35	12/18/20 15:19	
410-24428-8	2035739-15	Solid	12/04/20 11:42	12/18/20 15:19	
410-24428-9	2035739-17	Solid	12/04/20 12:52	12/18/20 15:19	

Eurofins Lancaster Laboratories Env, LLC

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SUBCONTRACT ORDER

BC Laboratories

2035739

410-24428 Chain of Custody

SENDING LABORATORY.

BC Laboratories
4100 Atlas Ct
Bakersfield, CA 93308
Phone 661 327-4911
Fax 661-327-1918
Project Manager Molly Meyers

RECEIVING LABORATORY.

Eurofins Lancaster Lab $ERLLB
2425 New Holland Pike
Lancaster, PA 17601
Phone (717) 656-2300
Fax (000) 000-0000

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID 2035739-01	**Solids**	**Sampled 12/04/20 08:27**	[redacted]	
ogMADEP-EPH-04s MA EPH Aromatics ERLLB	12/21/20 17 00	12/03/21 08:27		
ogMADEP-EPH-04s MA EPH Aliphatics ERLLB	12/21/20 17 00	12/03/21 08:27		
Containers Supplied.				
Sample ID 2035739-02	**Solids**	**Sampled 12/04/20 08 27**	[redacted]	
ogMADEP-EPH-04s MA EPH Aliphatics ERLLB	12/21/20 17 00	12/03/21 08:27		
ogMADEP-EPH-04s MA EPH Aromatics ERLLB	12/21/20 17 00	12/03/21 08:27		
Containers Supplied				
Sample ID 2035739-04	**Solids**	**Sampled 12/04/20 08 43**	[redacted]	
ogMADEP-EPH-04s MA EPH Aliphatics ERLLB	12/21/20 17 00	12/03/21 08 43		
ogMADEP-EPH-04s MA EPH Aromatics ERLLB	12/21/20 17 00	12/03/21 08 43		
Containers Supplied.				
Sample ID 2035739-06	**Solids**	**Sampled 12/04/20 08:57**	[redacted]	
ogMADEP-EPH-04s MA EPH Aromatics ERLLB	12/21/20 17 00	12/03/21 08 57		
ogMADEP-EPH-04s MA EPH Aliphatics ERLLB	12/21/20 17 00	12/03/21 08 57		
Containers Supplied.				

Released By	Date 12-17-20	Received By	Date
Released By KAM	Date	Received By	Date 12/18/20 1519 KAM

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SUBCONTRACT ORDER

BC Laboratories

2035739

Analysis	Due	Expires	Laboratory ID	Comments
Sample ID 2035739-08	**Solids**	**Sampled 12/04/20 09 12**	[redacted]	
ogMADEP-EPH-04s MA EPH Aromatics ERLLB	12/21/20 17 00	12/03/21 09 12		
ogMADEP-EPH-04s MA EPH Aliphatics ERLLB	12/21/20 17 00	12/03/21 09 12		
Containers Supplied.				
Sample ID 2035739-10	**Solids**	**Sampled 12/04/20 09 47**	[redacted]	
ogMADEP-EPH-04s MA EPH Aliphatics ERLLB	12/21/20 17 00	12/03/21 09.47		
ogMADEP EPH-04s MA EPH Aromatics ERLLB	12/21/20 17 00	12/03/21 09.47		
Containers Supplied.				
Sample ID 2035739-12	**Solids**	**Sampled 12/04/20 10 35**	[redacted]	
ogMADEP-EPH-04s MA EPH Aliphatics ERLLB	12/21/20 17 00	12/03/21 10 35		
ogMADEP-EPH-04s MA EPH Aromatics ERLLB	12/21/20 17 00	12/03/21 10 35		
Containers Supplied.				
Sample ID 2035739-15	**Solids**	**Sampled 12/04/20 11 42**	[redacted]	
ogMADEP-EPH-04s MA EPH Aliphatics ERLLB	12/21/20 17 00	12/03/21 11 42		
ogMADEP EPH-04s MA EPH Aromatics ERLLB	12/21/20 17 00	12/03/21 11 42		
Containers Supplied				
Sample ID 2035739-17	**Solids**	**Sampled 12/04/20 12 52**	[redacted]	
ogMADEP-EPH-04s MA EPH Aromatics ERLLB	12/21/20 17 00	12/03/21 12 52		
ogMADEP-EPH-04s MA EPH Aliphatics ERLLB	12/21/20 17 00	12/03/21 12 52		
Containers Supplied				

Released By	Date	Received By	Date
	12-17-20		12/18/20 1519
Released By	Date	Received By	Date

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Login Sample Receipt Checklist

Client: BC Laboratories

Job Number: 410-24428-1

Login Number: 24428
List Number: 1
Creator: Metzger, Katherine A

List Source: Eurofins Lancaster Laboratories Env

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable (</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temperature is acceptable (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample Preservation Verified.	N/A	
Residual Chlorine Checked.	N/A	
Sample custody seals are intact.	N/A	

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 01/18/2021 17:22
Project: Rio School District Rose Ave MOT Facility
Project Number: [none]
Project Manager: James R. Steele

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A01	Detection and quantitation limits are raised due to sample dilution.
A10	Detection and quantitation limits were raised due to matrix interference.
A17	Surrogate not reportable due to sample dilution.
A19	Surrogate is high due to matrix interference. Interferences verified through second extraction/analysis.
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
A52	Chromatogram not typical of diesel.
A55	Chromatogram not typical of crude oil.
Q03	Matrix spike recovery(s) was(were) not within the control limits.
S09	The surrogate recovery for this compound was not within the control limits.
S15	Client added sample after holding time expiration date.

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Job No. T41501

Phase II Environmental Site Assessment, Rio Del Valle Middle School Expansion Project 2600 North Rose Avenue Oxnard, California 93036

Prepared for:

Rio School District
1800 Solar Drive
Oxnard, California 93030

Prepared by:

Tetra Tech
5383 Hollister Avenue, Suite 130
Santa Barbara, California 93111

September 24, 2021

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7 Volatile Organic Compounds by EPA Method 8260B
8 Polychlorinated Biphenyls by EPA Method 8082

1.0 INTRODUCTION

1.1 BACKGROUND

This report presents the findings of a Phase II Environmental Site Assessment (ESA) prepared by Tetra Tech for the Rio School District (RSD) to evaluate a 11.1 acre portion of Assessor's Parcel No. (APN) 144-0-110-590 at 2600 North Rose Avenue in the Oxnard planning area of Ventura County, California (hereinafter referred to as the Site). Sage Realty (Sage) is coordinating this project for RSD. The Site location is shown on Figure 1.

The Phase II ESA was performed as part of the due diligence efforts required to support development of the Site by the RSD. The RSD proposes to acquire and develop the Site with new educational and support facilities as part of an expansion project for the Rio Del Valle Middle School that will result in an approximately 41.3 acre campus (Figure 1). The project site is generally surrounded by agricultural lands and residential to the north, agricultural to the east, commercial (car dealerships) to the south, and residential to the west.

The current owner of the Site is KMS Industries, Inc. The Site is leased by Reiter Affiliated Companies for berry production and is currently used for the production of berries. The Site is currently used as an organic berry farm and contains a single family residence, a farm yard area used for fuel and equipment storage, and areas formerly leased to a landscape maintenance company and for junk automobile storage.

Tetra Tech completed a Phase I ESA for the Site (Tetra Tech 2021). The Phase I ESA identified six recognized environmental conditions (RECs) for the Site. REC 1 is for potential former agricultural pesticide application (specifically organochlorine pesticides [OCPs] and arsenic pesticides). REC 2 is for potential bunker oil releases from potential former smudge pot frost abatement practices. REC 3 is for observed vehicle-related hydrocarbon and potentially toxic metals releases to surface and near surface soil at the Site from recent storage of junk automobiles and vehicle parking at the Site. REC 4 is for observed releases to surface and from near surface soil from two diesel and one gasoline above ground storage tanks (ASTs) at the Site used by the current tenant to fuel farm vehicles. The ASTs are owned by the MacValley Oil Company under lease from Reiter Affiliated Companies. One AST holds diesel fuel, one holds red diesel fuel, and one holds gasoline. The two diesel ASTs are approximately 300 gallons capacity and the gasoline AST is approximately 500 gallons capacity. The three ASTs were installed in 2016. Some evidence of potential leaks or spills was spotted at the base of the secondary containment bins. REC 5 is for potential polychlorinated biphenyl (PCB) releases to surface and from near surface soil at the Site from pole-mounted electrical transformers. REC 6 is for high volume water transmission pipelines that are located beneath North Rose Avenue and Collins Street within 1,500 feet of the Site. Tetra Tech recommended that a Phase II ESA be performed to evaluate RECs 1 through 5 as part of the pre-acquisition due diligence process. Because the Site will become part of a K-12 school in the future, the Phase II ESA field work sampling program was planned and performed in accordance with California Department of Toxic Substances Control (DTSC) guidelines. A hazardous pipeline assessment should be conducted in accordance with the California Department of Education (CDE) guidelines in *Guidance Protocol for School Site Pipeline Risk Analysis* (CDE 2007) to evaluate REC 6. The hazardous pipeline assessment is not required under ASTM Standard Practice E1527-13 (ASTM 2013) but will be required by the CDE when a portion of the Site is developed as a K-12 school. Tetra Tech recommends that the RSD wait until the Site is developed as a K-12 school to complete the hazardous pipeline assessment to address REC 6.

This Phase II ESA was completed to further assess RECs 1 through 5 that were identified in the Phase I ESA (Tetra Tech 2021).

1.2 DESIGNATED CONTACT PERSONS

The primary designated contact persons for Tetra Tech are Messrs. James (Jim) Steele and Randy Westhaus. Jim Steele is the Project Manager and Randy Westhaus is Tetra Tech's California Schools Director. Their contact information is:

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The designated contact person for the RSD is Mr. Wael Saleh. Mr. Saleh is the Assistant Superintendent/Chief Business Official for the RSD. The contact information for Mr. Saleh is:

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2.0 SITE DESCRIPTION

2.1 SITE LOCATION/DESCRIPTION

The Site is located on a 11.1 acre rectangular-shaped portion of APN 144-0-110-590 at 2600 North Rose Avenue, a 21.98 acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). The geographic coordinates of the Site are approximately Latitude 34° 13' 50.75" North, Longitude 119° 9' 15.86" West (Google Earth 2021). Surface elevations at the Site are approximately 92 feet above mean sea level (EDR 2021).

The RSD proposes to acquire and develop the 11.1 acre Site with new educational and support facilities as part of the Rio Del Valle Expansion Project. The proposed development for the Site include a Transportation and Parking Facility in the western half of the Site (approximately 5.6 acres). The eastern half of the Site (approximately 5.4 acres) may be developed as part of the adjacent Rio Del Valle Middle School campus at a future point in time with recreation/athletic facilities including tennis courts and basketball courts. The Rio Del Valle Expansion Project will also include new developments on the adjacent existing Rio Del Valle campus and a 10.0 acre North Campus expansion area that will continue to be used for agricultural production (Figure 1).

The Site is owned by KMS Industries, Inc. and is leased by Reiter Affiliated Companies. At the time of the June 18, 2021 field sampling event, the Site comprised an approximate 11.1 acre area of the 21.98 acre parcel owned by KMS Industries, Inc. and was leased by Reiter Affiliated Companies (Figure 2). The Site currently contains (approximately) a 0.3-acre Residence, 0.25-acre Tenant Storage Yard, a 0.45-acre Junk Vehicle Storage Area, a 1.1-acre Farm Equipment Storage and Parking Area, and a 0.3-acre Farm Yard. The remaining 8.7 acres of the Site is occupied by areas of organic raspberry production with access roads. Historical aerial photographs and Google Earth images indicate that the Site was previously used for cultivation of row crops and orchards. The agricultural section of the Site was planted in organic raspberries under shade structures when the sampling was performed. The Residence contains an unmaintained swimming pool, yard, parking area and garage, and tool shed. The Junk Vehicle Storage Area formerly contained approximately 30 junk cars. The Tenant Storage Yard contained a trailer, motor home, two storage containers, and utility truck that had been removed before the June 18, 2021 sampling event. The Farm Equipment Storage and Parking Area contained agricultural equipment such as fertilizer tanks, shade structures, tarps, wood, and motorized equipment. Three cylindrical steel ASTs with steel secondary containment bins that are owned and operated by Reiter Affiliated Companies were observed in the Farm Equipment Storage and Parking Area (Figure 2). The ASTs contained diesel fuel, red diesel fuel, and gasoline for farm equipment. The two diesel ASTs are approximately 300 gallons capacity and the gasoline AST is approximately 500 gallons capacity. The ASTs are within individual steel containment bins.

2.2 SITE VICINITY CHARACTERISTICS

The Site is located in an area developed primarily for residential and agricultural land use situated in the Rancho Santa Clara del Norte General Plan Area of Ventura County (Ventura County 2019). (Figures 1 and 2). The Site and the adjacent area to the southeast and east are zoned Agricultural Exclusive forty acre minimum lot (AE-40 ac). North Rose Avenue is adjacent to the northwest Site boundary. The area directly across North Rose Avenue from the Site is zoned Rural Exclusive 20,000 square feet minimum lot (RE 20,000 sq ft) and 10,000 square feet minimum lot (RE 10,000 sq ft). The Rio Del Valle Middle School, located adjacent to the northeast Site boundary, is zoned RE 10,000 sq ft. The Oxnard Auto Center located adjacent to the southwest Site boundary across Collins Street is zoned for Auto Sales and Service.

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3.0 PHYSICAL SETTING AND CONDITIONS

The Site is depicted on the Oxnard, California Quadrangle USGS 7.5-minute topographic series map (USGS 2018) (Figure 1). The geographic coordinates of the Site are approximately Latitude 34° 13' 50.75" North, Longitude 119° 9' 15.86" West (Google Earth 2021).). Surface elevations at the Site are approximately 92 feet above mean sea level (EDR 2021).

3.1 REGIONAL GEOLOGY

The Site is located in Ventura County on the Oxnard Plain of the central Ventura Basin within the Western Transverse Ranges geomorphic province of California. This geomorphic province is distinguished by the prevailing east-west linear trend of its geologic structure and geomorphology in contrast to the predominant northwest-southeast trend of the geomorphic features within most other provinces of the state. The province is bounded by major faults, including the San Andreas Fault zone in the northeast, the Big Pine fault in the north and the Malibu Coast fault in the south. Most of the faults in Ventura County are reverse faults which dip north, including the Pine Mountain, Red Mountain, San Cayetano, Santa Susana, Simi, Ventura and Malibu Coast faults (Norris and Webb 1990).

The Ventura Basin is a large synclinal structure situated between the Santa Ynez Range and Topa Mountains on the north, the Channel Islands and Santa Monica Mountains on the south, the San Gabriel Fault on the east, and extending to the western end of the Santa Barbara Channel (Norris and Webb 1990). Structure in the Oxnard Plain is characterized by a series of broadly folded west-trending and east-northeast–trending anticlines and synclines associated with thrust and reverse faults that formed in the Saugus Formation and may have also deformed the overlying older alluvium (California Department of Conservation, California Geologic Survey [CGS] 2002).

3.2 LOCAL GEOLOGY

Locally, the Site is situated in the Oxnard Plain sub-province. Lithologic units of sedimentary origin underlying the nearly flat Oxnard Plain are approximately 45,000 feet in thickness and consist of Upper Cretaceous, Tertiary, and Quaternary-age units which have been deposited on a pre-Upper Cretaceous base of igneous and/or metamorphic rock. Unconsolidated Holocene (last 11,000 years) sediments beneath the Site were deposited during the post-glacial period in marine, lagoonal, lacustrine, fluvial-flood plain, deltaic and eolian environments, including the pre-historic delta of the ancient Santa Clara River and Calleguas Creek and reach a depth of approximately 900 feet beneath the Oxnard Plain (Turner and Mukae 1975).

3.3 HYDROLOGY

3.3.1 Hydrogeology

The Site is situated at the eastern edge of the Oxnard Forebay basin, a subbasin of the larger Santa Clara-Calleguas groundwater basin. The Oxnard Forebay is an important groundwater recharge area for valuable resources of groundwater in aquifers underlying the Oxnard Plain. The unconsolidated sediments beneath the Oxnard Forebay and the Site are composed of both continental and marine deposits of Tertiary and Quaternary age. They contain multiple aquifers of coarse grain sediments with intervening fine grain aquitards. Aquifers have been grouped into an Upper Aquifer System (UAS) and a Lower Aquifer System (LAS) based on changes in geologic structure and separated in many areas by regional layers of low permeability clay. The UAS sediments are relatively flat lying and extend to approximately 400 feet beneath the Site. The sediments in the LAS are more structurally complex, resulting from folding and faulting. In the Oxnard Forebay, alluvial sediments in the subsurface are predominantly coarse grain sands

and gravels. Fine grain sediments, such as silts and clays, that can act as confining layers are generally absent or discontinuous. This condition allows for direct recharge of the UAS from the surface and some recharge of the LAS from the UAS in the subsurface (Fox Canyon Ground Water Management Agency 2017; Turner and Mukae 1975).

The first encountered groundwater beneath the Site is in the UAS. Review of potentiometric maps for the UAS from 1972 through 2016 indicate that the depth to groundwater ranged from approximately 33 feet below ground surface (bgs) to 133 feet bgs during that time period (Fox Canyon Groundwater Management Agency 2015). The most recent groundwater elevation data for fall 2016 indicates that the first encountered groundwater in the Site area was at approximately -36 feet below mean sea level (msl) or approximately 133 feet bgs (Fox Canyon Groundwater Management Agency 2019). The depth to the highest known historical groundwater level in the Site area is approximately 20 feet bgs (CGS 2002).

3.3.2 Flood Zoning

According to the U.S. Department of Homeland Security Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map No. 06111C0910E, the Site is not located in a flood hazard area (FEMA 2010).

3.3.3 Wetlands

The EDR report indicates that the Site area is covered in the National Wetlands Inventory prepared by the U.S. Fish and Wildlife Service (USFWS) (EDR 2021) (Appendix D). The U.S. Fish and Wildlife Service maintains the National Wetlands Inventory (NWI), a geographic information system (GIS)-based relational database of wetlands that have been mapped throughout the country. Based on the information provided in the EDR Report and review of the USFWS map for the area surrounding the Site, the nearest wetland is the UWCD El Rio Spreading Grounds, located 0.5 to 1 mile north of the Site (USFWS 2020).

3.3.4 Asbestos Containing Rocks

Tetra Tech has reviewed available topographic and geologic maps for the Site area and *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain Naturally Occurring Asbestos* (CDMG 2000) for potential sources of naturally occurring asbestos (NOA) and believes the risk for NOA at the Site is low. The nearest sources of NOA are approximately 40 miles northwest of the Site in the Santa Ynez River Watershed located in Santa Barbara County.

4.0 PHASE II ESA FIELD ASSESSMENT

4.1 RATIONALE

Tetra Tech implemented the field sampling in accordance with the following DTSC guidance documents:

- *Preliminary Endangerment Guidance Manual* (DTSC January 1994, Revised October 2015) (PEA Guidance Manual), and
- *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (DTSC 2008) (Agricultural Fields Guidance).

To assess the Site for potential former agricultural pesticide application impacts to the Site (REC 1) from agricultural row crop production performed between 1950 and 1974, the Agricultural Fields Guidance (DTSC 2008) recommends the assessment of surface soil for OCPs and arsenic through sample collection and laboratory analysis. Surface soil sample collection and laboratory analysis is also recommended to assess potential impacts from smudge pots containing fuel oil that were likely formerly used at the Site for frost abatement (REC 2). Therefore, surface soil sample collection and laboratory analysis was performed to assess the potential impacts to Site soils from former commercial pesticide application from OCPs and arsenic, and from fuel oil used in smudge pots for former frost abatement practices.

The potential impacts to the Site from the observed vehicle related hydrocarbon and potentially toxic metals releases to surface soil at the Site from recent storage of junk automobiles and vehicle parking at the Site (REC 3) and from observed releases to surface soil from diesel fuel and gasoline ASTs at the Site (REC 4) was also assessed through surface soil sample collection.

Surface soil sampling was also performed to assess the potential release of PCBs to Site soils from the two pole-mounted electrical transformers located in the central area of the Site and at the west Site boundary along North Rose Avenue (REC 5).

4.2 SITE HEALTH AND SAFETY

A Site-Specific Health and Safety Plan (SSHSP) was prepared for the Phase II ESA. The SSHSP is required by law to perform work at sites where workers may be exposed to hazardous waste and/or materials. The SSHSP was prepared in accordance with Code of Federal Regulations (CFR) Section 1910.120, California Administrative Code (CAC), Title 8, and the Tetra Tech Corporate *Health and Safety Manual* (Tetra Tech 2011, Revised August 2021). The SSHSP included a Site location map and a map showing the most direct route to the nearest emergency care center, the identity of the Site Health and Safety Officer, lists of the chemicals, materials, equipment, physical conditions that pose a threat or hazard, and the level of protection that will provide for proper worker safety. Proof of valid and current Occupational Safety and Health Administration (OSHA) training certifications is required for all Site workers. The SSHSP also described the procedures and practices that were followed during field activities, including safety monitoring and field decontamination. All fieldwork was performed in accordance with the SSHSP.

4.3 SOIL SAMPLE COLLECTION AND SAMPLE ANALYSIS SCHEDULE

The surface soil sample analysis schedule is presented in Table 1 and the surface soil sample locations are shown on Figure 3. Tetra Tech collected surface soil samples using hand sampling techniques at 20 locations in the 11.1 acre Site in an equal-spaced grid pattern to assess potential pesticide and fuel oil in surface soils. Surface soil samples were collected at seven locations to assess potential impacts from vehicle related hydrocarbon and potentially toxic metals releases to surface soil at the Site from recent storage of

junk automobiles and vehicle parking at the Site and from observed releases to surface soil from above ground diesel fuel ASTs at the Site. Surface soil samples were collected at three locations to assess potential PCBs in surface soils beneath pole-mounted transformer locations. The soil sample analyses were performed by BC Laboratories, Inc. (BC), a California State Certified laboratory.

4.3.1 Assessment of Potential Impacts to Soil from Past Agricultural Land Use

Assessment of Potential OCPs and Arsenic in Soil. Based on rationale recommended in the PEA Guidance Manual (DTSC 2015) and Agricultural Fields Guidance (DTSC 2008), Tetra Tech collected soil samples using hand sampling techniques at 20 locations (sample locations SS-1 through SS-20) in the 11.1 acre Site in an equal-spaced grid pattern (Figure 3 and Table 1). At each location, a surface soil sample was collected at depths of 0 to 0.5 feet bgs. The twenty discrete surface soil samples were collected and combined into five composite samples and one duplicate composite sample by the analytical laboratory for OCP analysis using United States Environmental Protection Agency (EPA) method 8081A (Tables 1 and 2). Surface soil samples SS-1 through SS-4 were combined into composite sample CS-1 and duplicate composite sample CS DUP1. Surface soil samples SS-5 through SS-8 were combined into composite sample CS-2. Surface soil samples SS-9 through SS-12 were combined into composite sample CS-3. Surface soil samples SS-13 through SS-16 were combined into composite sample CS-4. Surface soil samples SS-17 through SS-20 were combined into composite sample CS-5. As required by the Agricultural Fields Guidance document, five discrete surface soil samples (samples SS-1, SS-5, SS-9, SS-13, and SS-17) and one duplicate soil sample from sample SS-5 (6 soil samples total) were collected for arsenic analysis using EPA method 6010B within the OCP sampling grid (Table 3). In addition, discrete soil samples SS-23 through SS-29 and duplicate soil sample DUP3 were included in the arsenic sample set because they were analyzed for CAM 17 Metals using EPA method 6010B/7471A, which includes the arsenic analysis.

Assessment of Potential Smudge Pot Fuel Oil in Soil. To assess the Site for potential impacts to soil from smudge pot fuel oil, Tetra Tech collected surface soil samples using hand sampling techniques at depths of 0 to 0.5 feet bgs at 10 locations across the Site within the OCP sampling grid (Figure 3 and Table 1). Ten discrete surface soil samples (samples SS-1, SS-3, SS-5, SS-7, SS-10, SS-12, SS-13, SS-15, SS-17, and SS-19) and one duplicate soil sample at sample location SS-5 (11 soil samples total) were collected from the equal-spaced grid pattern used for the OCP samples and analyzed for semivolatile organic compounds (SVOCs) using EPA method 8270C, polyaromatic hydrocarbons (PAHs) using EPA method 8270C SIM, and diesel fuel total petroleum hydrocarbons (TPHd) and hydraulic oil/motor oil total petroleum hydrocarbons (TPHh/m) using EPA method 8015M (Tables 4, 5, and 6).

4.3.2 Assessment of Potential Hydrocarbon and Heavy Metal Impacts to Soil from Junk Automobile Storage and AST Diesel Fuel Releases

To assess the Site for potential impacts to soil from potential hydrocarbon and heavy metals releases from junk automobile storage and the diesel and gasoline ASTs, Tetra Tech collected surface soil samples using hand sampling techniques at depths of 0 to 0.5 feet bgs at seven locations (Figure 3 and Table 1). Seven discrete surface soil samples (samples SS-23 through SS-29) and one duplicate soil sample (Dup3) (8 soil samples total) were collected from areas of observed soil staining and analyzed for CAM 17 Metals using EPA method 6010B/7471A, SVOCs using EPA method 8270C, PAHs using EPA method 8270C SIM, total purgeable petroleum hydrocarbons (TPPH) using the LUFT gas chromatograph/mass spectrometer (GC/MS) method, TPHd and TPHh/m using EPA method 8015M, and volatile organic compounds (VOCs) using EPA method 8260B (Tables 3, 4, 5, 6, and 7). In addition, surface soil sample SS-10 is included in the sample set because it is within the former junk automobile storage area and was analyzed for TPHd and TPHh/m using EPA method 8015M.

4.3.3 Assessment of Potential PCB Impacts to Soil

To assess the Site for potential impacts to soil from PCBs that may have been released from the three pole-mounted electrical transformers, Tetra Tech collected surface soil samples at a three locations (sample locations SS-9, SS-21, and SS-22) using hand sampling techniques at depths of 0 to 0.5 feet bgs from beneath the power pole (Figure 3 and Table 1). Three discrete surface soil samples and one duplicate soil sample (DUP2) (four soil samples total) were collected and analyzed for PCBs using EPA method 8082.

4.4 SOIL SAMPLE ANALYSIS RESULTS

4.4.1 Analytical Results for Organochlorine Pesticides

The OCP sample results are included in Appendix A, summarized in Table 2, and the sample locations are shown on Figure 3. Low concentrations of OCPs were detected in all five surface soil composite samples and the composite duplicate sample. The OCPs 4,4'-DDD (DDD), 4,4'-DDE (DDE), and 4,4'-DDT (DDT) were detected in all the composite samples. For each OCPs detected at concentrations above the laboratory method detection limit (MDL), the maximum detected concentration occurred in the following samples:

- DDD was detected at a maximum concentration of 0.011 milligrams per kilogram (mg/kg) in composite sample CS-2;
- DDE was detected at a maximum concentration of 0.27 mg/kg in composite sample CS-5; and
- DDT was detected at a maximum concentration of 0.078 mg/kg in composite sample CS-3.

No other OCPs were detected at concentrations above the laboratory MDLs, which are less than their respective U.S. EPA RSLs (U.S. EPA 2020).

None of the OCPs were detected at concentrations that exceeded their respective U.S. Environmental Protection Agency (U.S. EPA) Regional Screening Levels (RSLs) (U.S. EPA 2021) for residential soil (Table 2).

4.4.2 Analytical Results for Arsenic and Total Metals

The arsenic and total metals sample results are included in Appendix A, summarized in Table 3, the sample locations are shown on Figure 3. Arsenic concentrations in the all of the surface soil samples ranged from 3.7 mg/kg in sample SS-17 to 2.2 mg/kg in samples SS-1 and SS-23. These sample results are below the DTSC arsenic screening value for soil at California School Sites (DTSC-ASL) of 12 mg/kg (DTSC 2008). Barium, beryllium, cadmium, total chromium, cobalt, copper, lead, molybdenum, nickel, vanadium, and zinc were detected in some or all of the 12 discrete and two duplicate soil samples. None of the remainder of the metals concentrations detected in the 12 discrete and two duplicate soil samples exceed the US EPA Region 9 RSLs.

4.4.3 Analytical Results for SVOCs

The SVOC sample results are included in Appendix A, summarized in Table 4, and the sample locations are shown on Figure 3. The SVOC DDE was detected in soil samples SS-1, SS-3, SS-5, SS-7, SS-12, SS-

13, SS-15, SS-17, SS-19, and SS-27 at concentrations ranging from 0.21 mg/kg in sample SS-7 to 0.030 mg/kg in sample SS-3, which is less than the U.S. EPA RSL for residential soil of 2.0 mg/kg.

No other SVOCs in the EPA Method 8270C list were detected at concentrations above their laboratory MDLs, which were less than less than their respective U.S. EPA RSLs (U.S. EPA 2021).

4.4.4 Analytical Results for PAHs

The PAH sample results are included in Appendix A, summarized in Table 5, and the sample locations are shown on Figure 3. PAHs were detected in the soil samples SS-10 and SS-23 at concentrations well below their respective U.S. EPA RSLs (U.S. EPA 2021). No other PAHs in the EPA 8270 Method SIM list were detected at concentrations above their laboratory MDLs, which were less than less than their respective U.S. EPA RSLs (U.S. EPA 2021).

4.4.5 Analytical Results for TPPH, TPHd, and TPHh/m

The TPPH, TPHd, and TPHh/m sample results are included in Appendix A, summarized in Table 6, and the sample locations are shown on Figure 3. Figure 4 presents a TPPH, TPHd, and TPHh/m hits map that shows the sample results at concentrations above at the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Levels (ESLs) (SFRWQCB 2019) for residential soil. TPPH were detected in all seven of the surface soil samples and the duplicate sample collected at Site for TPPH analysis. THPd and TPHh/m were detected in seven of the 17 of the surface soil samples and the two duplicate surface soil samples collected at Site for TPHd and TPHh/m analysis. The TPPH, TPHd, and TPHh/m sample results are summarized below:

- TPPH was detected in samples SS-23 through SS-29 and DUP3 (duplicate sample for sample SS-23) at concentrations ranging from 310 mg/kg in sample SS-23 to 0.11 mg/kg in sample SS-27 as compared to the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Level (ESL) for residential soil of 100 mg/kg (SFRWQCB 2019);

- TPHd was detected in samples SS-1 at 20 mg/kg, DUP1 (duplicate sample for sample SS-5) at 48 mg/kg, SS-23 at 14,000 mg/kg, DUP3 (duplicate sample for sample SS-23) at 62 mg/kg, SS-24 at 25,000 mg/kg, SS-26 at 8,100 mg/kg, and SS-27 at 20 mg/kg as compared to the SFRWQCB Tier 1 ESL for residential soil of 260 mg/kg (SFRWQCB 2019); and

- TPHh/m was detected in samples SS-1 at 140 mg/kg, SS-5 at 140 mg/kg, DUP1 (duplicate sample for sample SS-5) at 220 mg/kg, SS-7 at 26 mg/kg, SS-10 at 2,800 mg/kg, SS-12 at 21 mg/kg, SS-13 at 19 mg/kg, SS-15 at 57 mg/kg, SS-17 at 20 mg/kg, SS-19 at 10 mg/kg, DUP 3 (duplicate sample for sample SS-23) at 280 mg/kg, SS-25 at 27,000 mg/kg, SS-26 at 33,000 mg/kg, SS-27 at 71 mg/kg, SS-28 at 74,000 mg/kg, and SS-29 at 25,000 mg/kg as compared to the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg (SFRWQCB 2019).

TPPH were detected in sample SS-23 at a concentration of 310 mg/kg, exceeding the SFRWQCB Tier 1 ESL for residential soil of 100 mg/kg. TPHd was detected in samples SS-23 (14,000 mg/kg), SS-24 (25,000 mg/kg), and SS-27 (8,100 mg/kg) at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 260 mg/kg by one to two orders of magnitude. TPHh/m was detected in samples SS-10 (2,800 mg/kg), SS-25 (27,000 mg/kg), SS-26 (33,000 mg/kg), SS-28 (74,000 mg/kg), and SS-29 (25,000 mg/kg) at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg by zero to one order of magnitude (SFRWQCB 2019).

It is notable that all of the samples with TPPH, TPHd, and TPHh/m detected at concentrations above their relevant screening levels were collected from the Junk Vehicle Storage Area, Tenant Storage Area, and Farm Equipment Storage and Vehicle Parking Area. With the exception of sample SS-10 (which is in the Junk Vehicle Storage Area), none of the samples collected within the equal-spaced grid pattern used to assess the potential impact from smudge pot fuel oil in the agricultural areas of the Site (samples SS-1, SS-3, SS-5, SS-7, SS-10, SS-12, SS-13, SS-15, SS-17, SS-19, and Dup 1), contained TPHd or TPHh/m at concentrations above their relevant screening levels.

4.4.6 Analytical Results for Sample MO-1 for TPHd and TPHh/m

Sample MO-1 was collected from a mineral oil miticide used at the Site, Omni Oil 6, and analyzed for TPHd and TPHh/m by EPA method 8015M. Sample MO-1 was collected from a mixture of Omni Oil 6 and tap water that is applied to the raspberry bushes to treat them for mites (1.5 gallons Omni Oil 6 to 100 gallons of water). The chromatogram from sample MO-1 was visually compared to the EPA method 8015M sample analysis chromatograms from samples SS-1, SS-3, SS-5, SS-7, SS-10, SS-12, SS-13, SS-15, SS-17, SS-19, SS-23 through SS-29, Dup 1, and Dup 3 and to the chromatograms for the laboratory standards used in the analysis. The chromatogram for sample MO-1 did not visually correlate with the chromatograms for samples SS-1, SS-3, SS-5, SS-7, SS-10, SS-12, SS-13, SS-15, SS-17, SS-19, SS-23 through SS-29, Dup 1, and Dup 3. In addition, none of the chromatograms for samples where TPHd and TPHh/m were detected correlated with the chromatograms for the TPHd and TPHh/m in the laboratory standards used for this analysis.

4.4.7 Analytical Results for VOCs

The VOC sample results are included in Appendix A, are summarized in Table 7, and the sample locations are shown on Figure 3. VOCs were detected in the soil samples SS-23, DUP3 (duplicate sample for sample SS-23), SS-24, SS-25, SS-27, SS-28, and SS-29 at concentrations well below their respective U.S. EPA RSLs (U.S. EPA 2021). No other VOCs in the EPA 8260B Method list were detected at concentrations above their laboratory MDLs, which were less than their respective U.S. EPA RSLs (U.S. EPA 2021).

4.4.8 Analytical Results for PCBs

The PCB sample results are included in Appendix A, are summarized in Table 8, and the sample locations are shown on Figure 3. No PCBs were detected at concentrations above their laboratory MDLs, which were less than their respective U.S. EPA RSLs (U.S. EPA 2021).

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5.0 CONCLUSIONS

5.1 GENERAL SITE CONDITIONS

The Site currently contains a 0.3-acre residential area, 0.6-acres in storage yard areas, a 1-acre farm equipment storage and parking area, a 0.26-acre farmyard, with the remainder of the Site being occupied by access roads and areas of organic raspberry agricultural production (Figure 2). Historical aerial photographs and Google Earth images indicate that the Site was previously used for cultivation of row crops and orchards. The agricultural section of the Site was planted in organic raspberries under shade structures. The residence contains an unmaintained swimming pool, yard, parking area and garage, and tool shed. The storage yard formerly contained approximately 30 junk cars, a trailer, motor home, and utility truck. The farm yard and storage yard areas contained agricultural equipment such as fertilizer tanks, shade structures, tarps, wood, and motorized equipment.. Two 300 gallons capacity cylindrical steel ASTs (diesel fuel) and a 500 gallons capacity AST (gasoline) with secondary containment bins were present in the farm equipment storage and vehicle parking area. The ASTs contained diesel fuel, red diesel fuel, and gasoline (Figure 2).

5.2 PHASE II ESA RESULTS

This Phase II ESA was completed to further assess RECs 1 through 5 that were identified in the Phase I ESA (Tetra Tech 2021) as follows:

- REC 1, potential impacts to surface and near surface soil at the Site from former pesticide applications associated with former agricultural land use practices, specifically OCPs and arsenic;
- REC 2, potential bunker oil releases from potential former smudge pot frost abatement, specifically, SVOCs, PAHs, TPHd, and TPHh/m;
- REC 3, potential impacts to surface and near surface soil at the Site from hydrocarbons and heavy metals released from junk automobiles;
- REC 4, potential impacts to surface and near surface soil at the Site from hydrocarbons released from the two diesel and one gasoline ASTs; and
- REC 5, PCBs potentially released to surface soils beneath three pole-mounted electrical transformers.

Based on review of the Phase II ESA surface soil sample results the Site appears to have been impacted by TPPH, TPHd, and TPHh/m from releases from the junk vehicles previously stored at the Site and fuel storage ASTs (RECs 3 and 4) (Table 6 and Figure 4). The surface soil sample results for OCPs and arsenic (REC 1), SVOCs and PAHs (REC 2), VOCs (REC 4), and PCBs (REC 5) did not yield results with concentrations above relevant screening levels. The sample results TPPH, THPd, and TPHh/m are summarized below.

TPPH was detected in one sample, sample SS-23, at 310 mg/ kg, exceeding the SFRWQCB Tier 1 ESL for residential soil of 100 mg/kg. TPHd was detected in three surface soil samples, samples SS-23 at 14,000 mg/kg, SS-24 at 25,000 mg/kg, and SS-26 at 8,100 mg/kg, at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 260 mg/kg by one to two orders of magnitude. TPHh/m was detected in five surface soil samples, samples SS-10 at 2,800 mg/kg, SS-25 at 27,000 mg/kg, SS-26 at 33,000 mg/kg, SS-28 at 74,000 mg/kg, and SS-29 at 25,000 mg/kg, at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg by zero to one order of magnitude.

The TPPH and TPHd detected in sample SS-23 and TPHd detected in sample SS-24 appear to be from accidental releases from the nearby fueling ASTs. The TPHd and TPHh/m detected in sample SS-26 appears to have been released from a vehicle or other equipment stored in the Tenant Storage Area. The TPHh/m detected in samples SS-10, SS-25, SS-28, and SS-29, appears to have been released from the junk vehicles formerly stored onsite.

6.0 RECOMMENDATIONS

The RSD proposes to acquire and develop the 11.1 acre Site with new educational and support facilities. The proposed development for the Site includes a Transportation and Parking Facility in the western half of the Site (approximately 5.6 acres). The eastern half of the Site (approximately 5.4 acres) may be developed as part of the adjacent Rio Del Valle Middle School campus at a future point in time with recreation/athletic facilities including tennis courts and basketball courts. The proposed Site development is shown on Figure 5.

Tetra Tech recommends that the RSD submit the Phase I ESA report and this Phase II ESA report to the DTSC and enter the Site into the DTSC Voluntary Cleanup Program (VCP). The Phase I ESA report and this Phase II ESA report should be used to support implementing potential remedies for the areas of shallow soil impacted with TPPH, TPHd and TPHh/m at concentrations exceeding the screening levels including either a Housekeeping Removal Action and/or the execution of land use covenants (LUCs).

A hazardous pipeline assessment should also be conducted in accordance with the *Guidance Protocol for School Site Pipeline Risk Analysis* (CDE 2007) to evaluate potential hazards posed by the two high-volume water transmission pipelines beneath North Rose Avenue and Collins Street within 1,500 feet of the Site prior to development of the K-12 school facilities on the eastern half of the Site.

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7.0 DISCLAIMER

This report was compiled based partially on information supplied to Tetra Tech from outside sources and other information which is in the public domain. The conclusions and recommendations herein are based solely on the information Tetra Tech obtained in compiling the report. Documentation for the statements made in the report is on file at Tetra Tech's offices in Santa Barbara, California. Tetra Tech makes no warranty as to the accuracy of statements made by others which may be contained in the report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report, except that it has been prepared in accordance with the current generally accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing the same or similar services. Since the facts forming the basis for the report are subject to professional interpretation, differing conclusions could be reached. Tetra Tech does not assume responsibility for the discovery and elimination of hazards that could possibly cause accidents, injuries, or damage. Compliance with submitted recommendations or suggestions does not assure elimination of hazards or the fulfillment of client's obligation under local, state, or federal laws or any modifications or changes to such laws.

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

Respectfully submitted,

TETRA TECH



James R. Steele
Project Manager

California Professional Geologist 5963
California Certified Engineering Geologist EG 1906
California Certified Hydrogeologist HG 247
Expiration date: May 31, 2023

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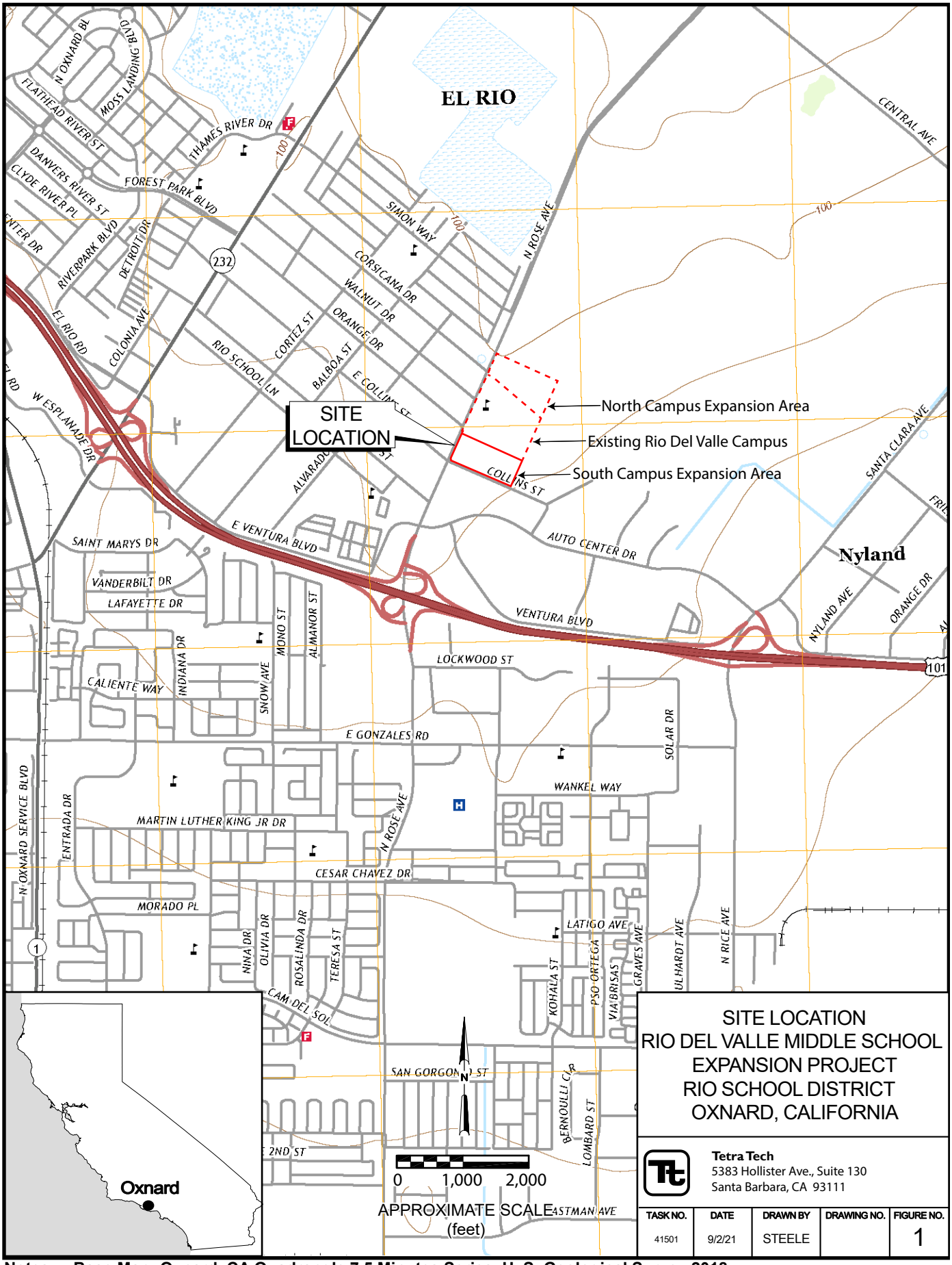
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FIGURES

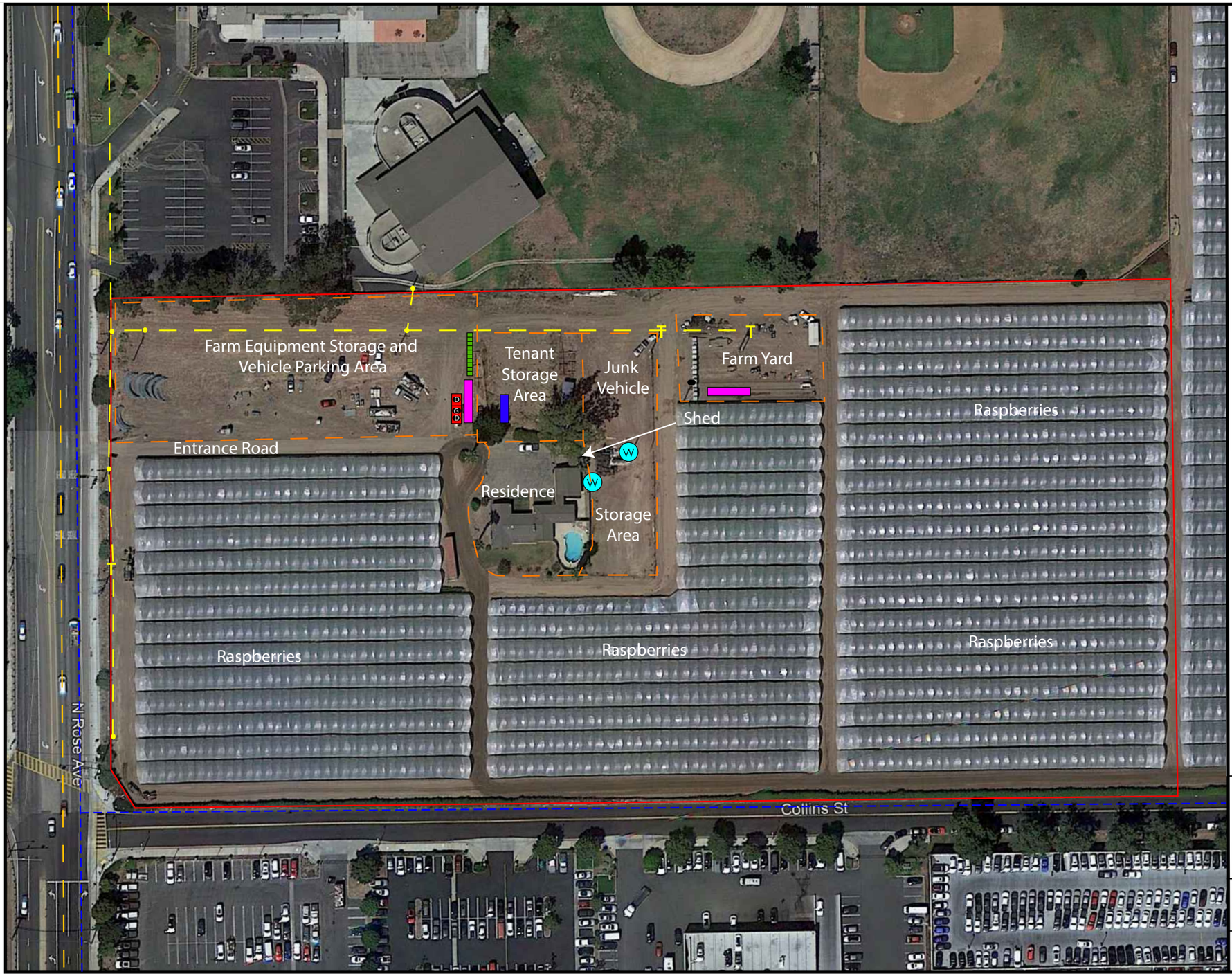


SITE LOCATION
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	DRAWING NO.	FIGURE NO.
41501	9/2/21	STEELE		1

Notes: **Base Map: Oxnard, CA Quadrangle 7.5 Minutes Series, U. S. Geological Survey 2018**



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- Pole-Mounted Electrical Transformer
- KMS Industries, Inc. Water Well
- Reiter Brothers Storage Container
- Tenant Storage Container
- Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- 16-inch OD Steel Water Pipeline (City of Oxnard)
- 42-inch OD Steel Water Pipeline (United Water Conservation District)

0 50 100

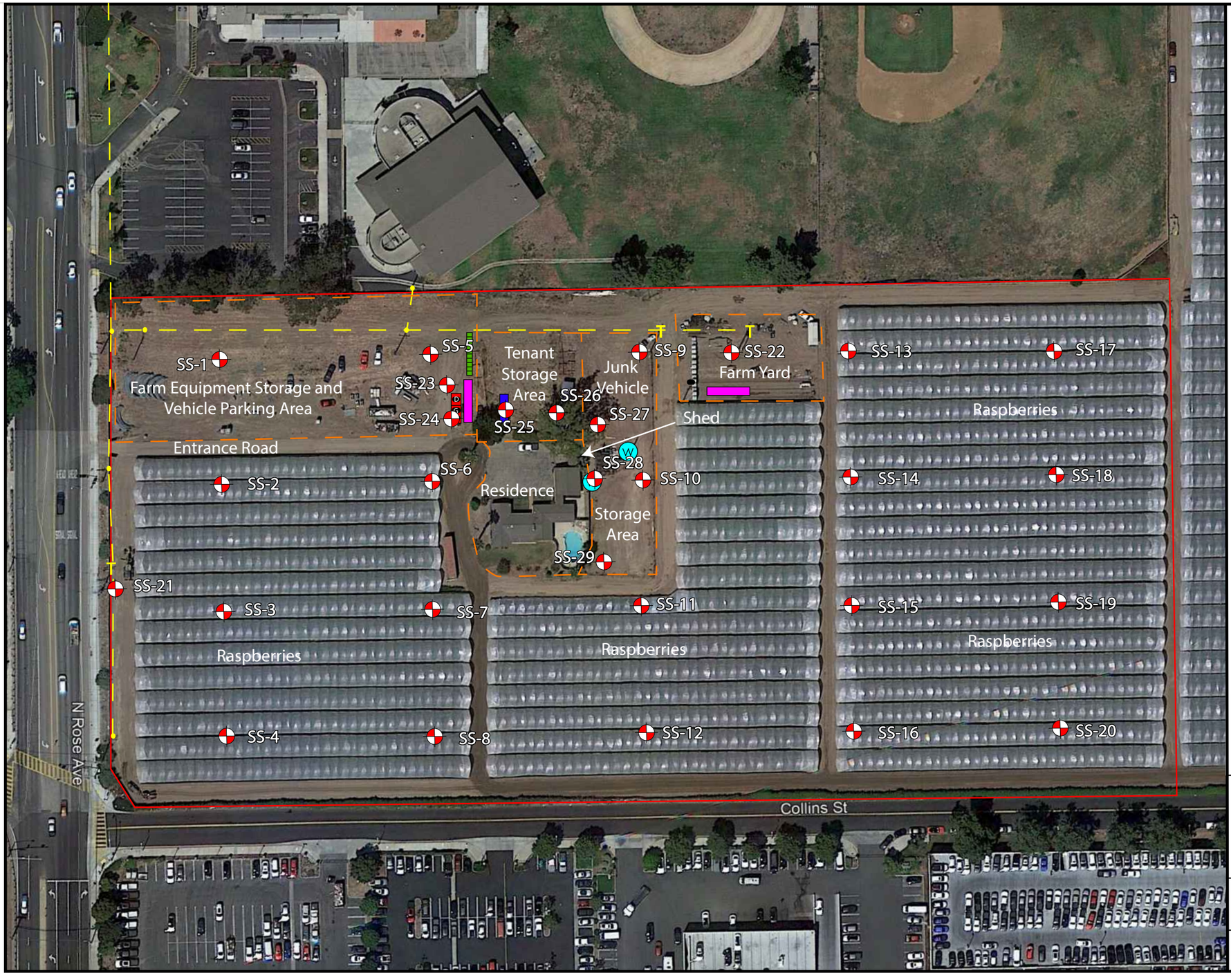
APPROXIMATE SCALE (feet)

SITE PLAN
2600 NORTH ROSE AVENUE
PHASE I ENVIRONMENTAL SITE ASSESSMENT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/7/21	STEELE	2

Base Map: Google Earth Image Dated 8/19/19.



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- Pole-Mounted Electrical Transformer
- KMS Industries, Inc. Water Well
- Reiter Brothers Storage Container
- Tenant Storage Container
- Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- SS-1 Surface Soil Sample Location

0 50 100

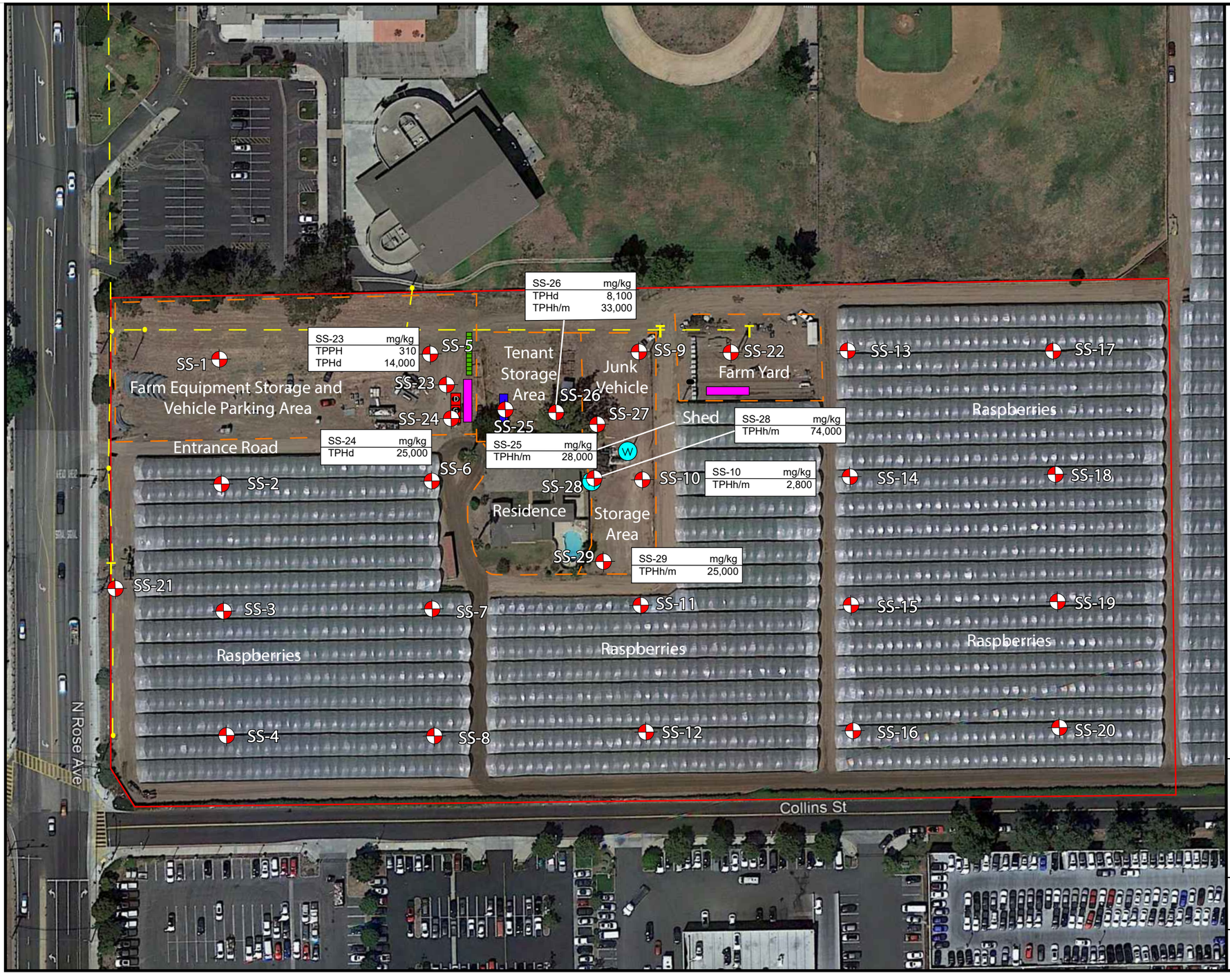
APPROXIMATE SCALE (feet)

SURFACE SOIL SAMPLE LOCATIONS
RIO DEL VALLE MIDDLE SCHOOL EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
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Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/7/21	STEELE	3

Base Map: Google Earth Image Dated 8/19/19.



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- T — Pole-Mounted Electrical Transformer
- W — KMS Industries, Inc. Water Well
- Reiter Brothers Storage Container
- Tenant Storage Container
- Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- SS-1 — Surface Soil Sample Location
- mg/kg — Milligrams per Kilogram
- TPPH — Total Purgeable Petroleum Hydrocarbons (C4-C14)
- TPHd — Diesel Total Petroleum Hydrocarbons (C12-C24)
- TPHh/m — Hydraulic Oil/Motor Oil Total Petroleum Hydrocarbons (C25-C32)

0 50 100

APPROXIMATE SCALE (feet)

TPH SOIL SAMPLE RESULTS ABOVE SCREENING LEVELS
RIO DEL VALLE MIDDLE SCHOOL EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/7/21	STEELE	4

Base Map: Google Earth Image Dated 8/19/19.



LEGEND

- Site Boundary
- SS-1 Surface Soil Sample Location
- mg/kg Milligrams per Kilogram
- TPPH Total Purgeable Petroleum Hydrocarbons (C4-C14)
- TPHd Diesel Total Petroleum Hydrocarbons (C12-C24)
- TPHh/m Hydraulic Oil/Motor Oil Total Petroleum Hydrocarbons (C25-C32)

0 50 100

APPROXIMATE SCALE (feet)

TPH SOIL SAMPLE RESULTS ABOVE SCREENING LEVELS OVER PROPOSED DEVELOPMENT PLAN RIO DEL VALLE MIDDLE SCHOOL EXPANSION PROJECT RIO SCHOOL DISTRICT OXNARD, CALIFORNIA

Tetra Tech
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TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/7/21	STEELE	5

Base Map: *Rio Del Valle Middle School Expansion Plan Conceptual Site Master Plan Sheet 1*, **Jensen Design and Survey, 8/27/21.**

TABLES

Table 1
Phase II ESA Field Sample Analysis Schedule
Rio School Distictric South Parcel at 2600 North Rose Avenue

Composite Sample ID	Sample ID	Analyses									Comments
		OCPs EPA 8081	Arsenic EPA 6010B	Heavy Metals EPA 6010B/7471A	TPHd and TPHh/m EPA 8015B	TPH Gas EPA 8015B	VOCs EPA 8260B	SVOCs EPA 8270C	PAHs 8270C- SIM	PCBs EPA 8082	
CS-1, CS-Dup1	SS-1, CS-Dup1	X	X		X			X	X		Lab to combine discrete sample SS-1 into composite sample CS-1 and composite duplicate sample CS-Dup 1 for OCP analysis only. Analyze discrete sample for arsenic,TPHd/mo, SVOCs and PNAs.
CS-1, CS-Dup1	SS-2, CS-Dup1	X									Lab to combine discrete sample SS-2 into composite sample CS-1 and composite duplicate sample CS-Dup 1 for OCP analysis only.
CS-1, CS-Dup1	SS-3, CS-Dup1	X			X			X	X		Lab to combine discrete sample SS-3 into composite sample CS-1 and composite duplicate sample CS-Dup 1 for OCP analysis only.
CS-1, CS-Dup1	SS-4, CS-Dup1	X									Lab to combine discrete sample SS-4 into composite sample CS-1 and composite duplicate sample CS-Dup 1 for OCP analysis only.
CS-2	SS-5, Dup1	X	X		X			X	X		Lab to combine discrete sample SS-5 into composite sample CS-2 for OCP analysis only. Analyze discrete samples for arsenic,TPHd/mo, SVOCs and PNAs. Analyze discrete duplicate sample Dup1 for arsenic,TPHd/mo, SVOCs and PNAs.
CS-2	SS-6	X									Lab to combine discrete sample SS-6 into composite sample CS-2 for OCP analysis only.
CS-2	SS-7	X			X			X	X		Lab to combine discrete sample SS-7 into composite sample CS-2 for OCP analysis only. Analyze discrete sample for arsenic,TPHd/mo, SVOCs and PNAs.
CS-2	SS-8	X									Lab to combine discrete sample SS-8 into composite sample CS-2 for OCP analysis only.
CS-3	SS-9	X	X							X	Lab to combine discrete sample SS-9 into composite sample CS-3 for OCP analysis only. Analyze discrete sample for PCBs. Collect sample at base of power pole.
CS-3	SS-10	X			X			X	X		Lab to combine discrete sample SS-10 into composite sample CS-3 for OCP analysis only. Analyze discrete sample for arsenic,TPHd/mo, SVOCs and PNAs.
CS-3	SS-11	X									Lab to combine discrete sample SS-11 into composite sample CS-3 for OCP analysis only.
CS-3	SS-12	X			X			X	X		Lab to combine discrete sample SS-12 into composite sample CS-3 for OCP analysis only. Analyze discrete samples for arsenic,TPHd/mo, SVOCs and PNAs.
CS-4	SS-13	X	X		X			X	X		Lab to combine discrete sample SS-13 into composite sample CS-4 for OCP analysis only. Analyze discrete sample for arsenic,TPHd/mo, SVOCs and PNAs.
CS-4	SS-14	X									Lab to combine discrete sample SS-14 into composite sample CS-4 for OCP analysis only.
CS-4	SS-15	X			X			X	X		Lab to combine discrete sample SS-15 into composite sample CS-4 for OCP analysis only. Analyze discrete sample for arsenic,TPHd/mo, SVOCs and PNAs.
CS-4	SS-16	X									Lab to combine discrete sample SS-16 into composite sample CS-4 for OCP analysis only..
CS-5	SS-17	X	X		X			X	X		Lab to combine discrete sample SS-17 into composite sample CS-5 for OCP analysis only. Analyze discrete sample for arsenic,TPHd/mo, SVOCs and PNAs.
CS-5	SS-18	X									Lab to combine discrete sample SS-18 into composite sample CS-5 for OCP analysis only.
CS-5	SS-19	X			X			X	X		Lab to combine discrete sample SS-19 into composite sample CS-5 for OCP analysis only. Analyze discrete sample for arsenic,TPHd/mo, SVOCs and PNAs.
CS-5	SS-20	X									Lab to combine discrete sample SS-20 into composite sample CS-5 for OCP analysis only.

Table 1
Phase II ESA Field Sample Analysis Schedule
Rio School Distictric South Parcel at 2600 North Rose Avenue

Composite Sample ID	Sample ID	Analyses									Comments
		OCPs EPA 8081	Arsenic EPA 6010B	Heavy Metals EPA 6010B/7471A	TPHd and TPHh/m EPA 8015B	TPH Gas EPA 8015B	VOCs EPA 8260B	SVOCs EPA 8270C	PAHs 8270C- SIM	PCBs EPA 8082	
	SS-21, Dup2									X	Analyze discrete sample for PCBs. Analyze discrete duplicate sample Dup2 for PCBs. Collect sample at base of power pole.
	SS-22									X	Analyze discrete sample for PCBs. Collect sample at base of power pole.
	SS-23, Dup3			X	X	X	X	X	X		Analyze discrete sample for heavy metals, TPHd/mo, TPHg, VOCs, SVOCs and PNAs. Analyze discrete duplicate sample Dup3 for haevy metals,,TPHd/mo, TPHg, VOCs, SVOCs and PAHs. Need 5035 kit for VOC and TPHg sample analysis. Collect sample in soil stained areas in front of fuel ASTs.
	SS-24			X	X	X	X	X	X		Analyze discrete sample for heavy metals, TPHd/mo, TPHg, VOCs, SVOCs and PNAs. Need 5035 kit for VOC and TPHg sample analysis.
	SS-25			X	X	X	X	X	X		Analyze discrete sample for heavy metals, TPHd/mo, TPHg, VOCs, SVOCs and PNAs. Need 5035 kit for VOC and TPHg sample analysis. Collect sample in soil stained areas in front of fuel ASTs.
	SS-26			X	X	X	X	X	X		Analyze discrete sample for heavy metals, TPHd/mo, TPHg, VOCs, SVOCs and PNAs. Need 5035 kit for VOC and TPHg sample analysis. Collect sample in soil stained areas.
	SS-27			X	X	X	X	X	X		Analyze discrete sample for heavy metals, TPHd/mo, TPHg, VOCs, SVOCs and PNAs. Need 5035 kit for VOC and TPHg sample analysis. Collect sample in soil stained areas.
	SS-28			X	X	X	X	X	X		Analyze discrete sample for heavy metals, TPHd/mo, TPHg, VOCs, SVOCs and PNAs. Need 5035 kit for VOC and TPHg sample analysis. Collect sample in soil stained areas.
	SS-29			X	X	X	X	X	X		Analyze discrete sample for heavy metals, TPHd/mo, TPHg, VOCs, SVOCs and PNAs. Need 5035 kit for VOC and TPHg sample analysis. Collect sample in soil stained areas.
	MO-1				X						Analyze discrete aqueous sample for TPHd/mo. Collect sample of mineral oil miticide mixture.

Notes:

EPA - U.S. Environmental Protection Agency

OCPs - organochlorine pesticides

PAHs - polyaromatid hydrocarbons

PCBs - polychlorinated biphenyls

SVOCs - semivolatile organic compounds

TPHd - Diesel range total petroleum hydrocarbons

TPHh/m - Hydrualic oil/motor oil range total petroleum hydrocarbons

VOCs - volatile organic compounds

Table 2
Organochlorine Pesticides by EPA Method 8081A
2600 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID			**SS-1 - SS-4**	**SS-1 - SS-4**	**SS-5 - SS-8**	**SS-9 - SS-12**	**SS-13 - SS-16**	**SS-17 - SS-20**
Sample ID[a]			**CS-1**	**CS-DUP1**	**CS-2**	**CS-3**	**CS-4**	**CS-5**
Collection Date			**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**
Collection Depth			**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Constituent[a]	RSL	Notes	Result	Result	Result	Result	Result	Result
4,4'-DDD (DDD)	1.9	b	0.0031	0.0072	0.011	0.0086	0.0087	0.0089
4,4'-DDE (DDE)	2.0	c	0.064	0.084	0.21	0.17	0.25	0.27
4,4'-DDT (DDT)	1.9	c	0.018	0.022	0.044	0.078	0.039	0.039
All other OCPs[d]			ND	ND	ND	ND	ND	ND

Notes:

a - All composite soil sample results are listed showing only the detected OCPs. Please refer to Appendix A for a complete list of the pesticides analyzed and their laboratory method detection limits.

b - non carcinogenic

c - carcinogenic.

d - The compound-specific MDLs and PQLs for analytes that were not detected are presented with the laboratory reports in Appendix A.

MDL - method detection limit

OCP - Organochlorine Pesticide

PQL - practical quantitation limit

RSL - Residential Soil Screening Level is the USEPA Region 9 Soil RSLs (USEPA 2021).

The detection limits and quantitation limits for all the samples are raised due to sample dilustion.

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

The analyte concentrations in bold font exceed their relevant screening level.

Table 3
Total Arsenic by EPA Method 6010B and CAM 17 Metals by EPA Method 6010B/7471A
2600 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID				**SS-1**	**SS-5**	**SS-5**	**SS-9**	**SS-13**	**SS-17**	**SS-23**	**SS-23**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Sample ID				**SS-1**	**SS-5**	**DUP1**	**SS-9**	**SS-13**	**SS-17**	**SS-23**	**DUP3**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Sample Date				**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**
Sample Depth feet bgs				**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Constituent[a]	RSL	DTSC B	Notes	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Antimony	31	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	ND<0.33	ND<0.33	ND<0.33	ND<0.33	ND<0.33	ND<0.33	ND<0.33	ND<0.33
Arsenic	0.68	12	c	**2.2**	**2.4**	**2.4**	**2.8**	**2.9**	**3.7**	**2.2**	**2.3**	**2.6**	**2.4**	**2.5**	**3.1**	**2.8**	**2.5**
Barium	15,000	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	34	32	39	46	37	45	46	46
Beryllium	160	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	0.16	0.16	0.20	0.22	0.19	0.23	0.20	0.21
Cadmium	71	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	0.33	0.37	0.43	0.60	0.43	0.53	0.45	0.71
Chromium	120,000	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	7.0	7.4	8.8	22	10	9.4	9.3	9.3
Cobalt	23	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	2.1	2.1	2.8	3.5	2.7	3.5	2.9	3.0
Copper	3,100	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	6.8	6.7	9.6	17	26	12	27	13
Lead	400	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	3.7	3.6	5.6	5.7	5.1	7.2	7.1	10
Molybdenum	390	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	ND<0.050	2.6	ND<0.050
Nickel	820[d]	NAP	b, d	NAN	NAN	NAN	NAN	NAN	NAN	4.8	4.8	6.2	13	6.2	7.3	6.3	7.3
Selenium	390	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	ND<0.98	ND<0.98	ND<0.98	ND<0.98	ND<0.98	ND<0.98	ND<0.98	ND<0.98
Silver	390	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	ND<0.067	ND<0.067	ND<0.067	ND<0.067	ND<0.067	ND<0.067	ND<0.067	ND<0.067
Thallium	1.6	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	ND<0.64	ND<0.64	ND<0.64	ND<0.64	ND<0.64	ND<0.64	ND<0.64	ND<0.64
Vanadium	390	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	15	15	18	20	18	20	19	19
Zinc	23,000	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	40	39	53	72	60	56	200	66
Mercury	23	NAP	b	NAN	NAN	NAN	NAN	NAN	NAN	ND<0.016	ND<0.016	ND<0.016	ND<0.016	ND<0.016	ND<0.016	ND<0.016	ND<0.016

Notes:

a - Please refer to Appendix A for a complete list of the metals analyzed and their laboratory method detection limits.

b - non carcinogenic

bgs - below ground surface

c - carcinogenic.

d - RSL substituted with the residential screening level from DTSC Human Health Risk Assessmmnet (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC-Sls), DTSC Human and Ecological Risk Office (HERO) June 2020.

DTSC - California Department of Toxic Substances Control

DTSC B - California Department of Toxic Substances Control Background Arsenic Soil Screening Level from the Interim Guidance for Sampling Agricultural Properties (Third Revision) (DTSC 2008).

NAP - Not applicable.

NAN - Not analyzed.

ND<X - Indicates constituent(s) not detected at or above method detection limit.

Results presened in bold green font equal or exceed their residential soil RSL screening level.

RSL - Residential Soil Screening Level from the USEPA Region 9 Soil RSLs (USEPA 2021).

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

Table 4
Semivolatile Organic Compounds by EPA Method 8270C
2600 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID			**SS-1**	**SS-3**	**SS-5**	**SS-5**	**SS-7**	**SS-10**	**SS-12**	**SS-13**	**SS-15**	**SS-17**
Sample ID			**SS-1**	**SS-3**	**SS-5**	**DUP 1**	**SS-7**	**SS-10**	**SS-12**	**SS-13**	**SS-15**	**SS-17**
Collection Date			**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**
Collection Depth			**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Constituent[a]	RSL	Notes	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
4,4'-DDE (DDE)	2.0	c	0.11	0.030	0.11	ND<0.036	0.21	ND<0.20	0.17	0.19	0.18	0.20
All other SVOCs[e]			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Location ID			**SS-19**	**SS-23**	**SS-23**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Sample ID			**SS-19**	**SS-23**	**DUP 3**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Collection Date			**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**
Collection Depth			**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Constituent[a]	RSL	Notes	Result	Result	Result	Result	Result	Result	Result	Result	Result
4,4'-DDE (DDE)	2.0	c	0.13	ND<0.068	ND<0.068	ND<0.019	ND<0.068	ND<0.068	0.12	ND<0.40	ND<0.068
All other SVOCs[d]			ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

a - Only the detected sample results are listed. Please refer to Appendix A for a complete list of the SVOCs analyzed and their laboratory MDLs.

b - non carcinogenic

c - carcinogenic

d - The compound-specific MDLs and PQLs for analytes that were not detected are presented with the laboratory reports in Appendix A.

MDL - method detection limit

ND - Indicates constituent not detected at or above laboratory method detection limit. A complete list of the laboratory method detection limits is included in Appendix A.

ND<X - Indicates constituent(s) not detected at or above the laboratory MDL.

PQL - practical quantitation limit

RSL - Residential Soil Screening Level from the USEPA Region 9 Soil RSLs (USEPA 2021).

SVOC - Semivlotile Organic Compound

The analyte concentrations in bold font exceed their relevant screening level.

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

Table 5
Polyaromatic Hydrocarbons by EPA Method 8270 SIM
2600 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID			**SS-1**	**SS-3**	**SS-5**	**SS-5**	**SS-7**	**SS-10**	**SS-12**	**SS-13**	**SS-15**	**SS-17**
Sample ID			**SS-1**	**SS-3**	**SS-5**	**DUP 1**	**SS-7**	**SS-10**	**SS-12**	**SS-13**	**SS-15**	**SS-17**
Collection Date			**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**
Collection Depth			**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0.0**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Constituent[a]	RSL	Notes	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Benzo[b]fluoranthene	21	c	ND<0.00079	ND<0.00079	ND<0.00079	ND<0.0044	ND<0.00079	0.033	ND<0.00079	ND<0.00079	ND<0.00079	ND<0.00079
Benzo[k]fluoranthene	21	c	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0062	ND<0.0011	0.031	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.0011
Benzo[a]pyrene	2.1	c	ND<0.00078	ND<0.00078	ND<0.00078	ND<0.0044	ND<0.00078	0.068	ND<0.00078	ND<0.00078	ND<0.00078	ND<0.00078
Benzo[g,h,i]perylene	NA	NA	ND<0.00072	ND<0.00072	ND<0.00072	ND<0.0040	ND<0.00072	0.19	ND<0.00072	ND<0.00072	ND<0.00072	ND<0.00072
Dibenzo[a,h]anthracene	2.1	c	ND<0.00048	ND<0.00048	ND<0.00048	ND<0.0027	ND<0.00048	0.043	ND<0.00048	ND<0.00048	ND<0.00048	ND<0.00048
Indeno[1,2,3-cd]pyrene	21	c	ND<0.00047	ND<0.00047	ND<0.00047	ND<0.0026	ND<0.00047	0.094	ND<0.00047	ND<0.00047	ND<0.00047	ND<0.00047
Naphthalene	2.0	c	ND<0.00090	ND<0.00090	ND<0.00090	ND<0.0050	ND<0.00090	ND<0.0027	ND<0.00090	ND<0.00090	ND<0.00090	ND<0.00090
Pyrene	1,800	b	ND<0.0012	ND<0.0012	ND<0.0012	ND<0.0067	ND<0.0012	ND<0.0036	ND<0.0012	ND<0.0012	ND<0.0012	ND<0.0012
All other PAHs for all samples[d]			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Location ID			**SS-19**	**SS-23**	**SS-23**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Sample ID			**SS-19**	**SS-23**	**DUP 3**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Collection Date			**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**
Collection Depth			**0-0.5**	**0-0.5**	**0.0**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Constituent[a]	RSL	Notes	Result	Result	Result	Result	Result	Result	Result	Result	Result
Benzo[b]fluoranthene	21	c	ND<0.00079	ND<0.00079	ND<0.00079	ND<0.0022	ND<0.0040	ND<0.00079	ND<0.00079	ND<0.0023	ND<0.0040
Benzo[k]fluoranthene	21	c	ND<0.0011	ND<0.0011	ND<0.0011	ND<0.031	ND<0.0055	ND<0.0011	ND<0.0011	ND<0.033	ND<0.0055
Benzo[a]pyrene	2.1	c	ND<0.00078	ND<0.00078	ND<0.00078	ND<0.0022	ND<0.0039	ND<0.00078	ND<0.00078	ND<0.0023	ND<0.0039
Benzo[g,h,i]perylene	NA	NA	ND<0.00072	ND<0.00072	ND<0.00072	ND<0.0020	ND<0.0036	ND<0.00072	ND<0.00072	ND<0.0021	ND<0.0036
Dibenzo[a,h]anthracene	2.1	c	ND<0.00048	ND<0.00048	ND<0.00048	ND<0.013	ND<0.0024	ND<0.00048	ND<0.00048	ND<0.014	ND<0.0024
Indeno[1,2,3-cd]pyrene	21	c	ND<0.00047	ND<0.00047	ND<0.00047	ND<0.013	ND<0.0024	ND<0.00047	ND<0.00047	ND<0.014	ND<0.0024
Naphthalene	2.0	c	ND<0.00090	0.029	ND<0.00090	ND<0.025	ND<0.0045	ND<0.00090	ND<0.00090	ND<0.027	ND<0.0045
Pyrene	1,800	b	ND<0.0012	0.071	ND<0.0012	ND<0.033	ND<0.0060	ND<0.0012	ND<0.0012	ND<0.036	ND<0.0060
All other PAHs for all samples[d]			ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 5
Polyaromatic Hydrocarbons by EPA Method 8270 SIM
2600 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Notes:

a - Only the detected sample results are listed.

b - non carcinogenic

c - carcinogenic

d - The compound-specific MDLs and PQLs for analytes that were not detected are presented with the laboratory reports in Appendix A.

MDL - method detection limit

NA - not applicable

ND - Indicates constituent not detected at or above laboratory method detection limit. A complete list of the laboratory method detection limits is included in Appendix A.

ND<X - Indicates constituent(s) not detected at or above method detection limit.

PQL - practical quantitation limit

RSL - U. S. Environmental Protection Agency (EPA) Region 9 Regional Screening Level (RSL) for Residential and Industrial Soil, May 2021.

SVOC - Semivlotile Organic Compound

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

The analyte concentrations in bold font exceed their relevant screening level.

Table 6
Total Petroleum Hydrocarbons by EPA Method 8015M and Total Purgeable Petroleum Hydrocarbons by LUFT GC/MS
2600 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID			**SS-1**	**SS-3**	**SS-5**	**SS-5**	**SS-7**	**SS-10**	**SS-12**	**SS-13**	**SS-15**	**SS-17**
Sample ID			**SS-1**	**SS-3**	**SS-5**	**Dup 1**	**SS-7**	**SS-10**	**SS-12**	**SS-13**	**SS-15**	**SS-17**
Colletion Date			**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**
Colletion Depth (feet bgs)			**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0-0.5**	**0-0.5**
Constituent[a]	ESL	Notes	Result[b,c]	Result	Result[c]	Result[b,c]	Result[c]	Result[c,e]	Result[c]	Result[c]	Result[c]	Result[c]
TPPH	100	d	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPHd	260	d	20	ND<2.2	ND<2.2	48	ND<2.2	ND<300	ND<2.2	ND<2.2	ND<2.2	ND<2.2
TPHh/m	1,600	d	140	ND>7.0	140	220	26	**2,800**	21	19	57	20

Location ID			**SS-19**	**SS-23**	**SS-23**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Sample ID			**SS-19**	**SS-23**	**Dup 3**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Colletion Date			**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**
Colletion Depth (feet bgs)			**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Constituent[a]	ESL	Notes	Result[c]	Result[b,e]	Result[b,c]	Result[b,e]	Result[c,e]	Result[b,c,e]	Result[b,c]	Result[c,e]	Result[c,e]
TPPH	100	d	NA	**310**	8.9	6.6	0.25	0.27	0.11	0.36	0.21
TPHd	260	d	ND<2.2	**14,000**	62	**25,000**	ND<220	**8,100**	20	ND<1,200	ND<1,000
TPHh/m	1,600	d	10	ND>700	280	ND>2,100	**27,000**	**33,000**	71	**74,000**	**25,000**

Notes:

a - All sample results are listed.

b - Chromatogram not typical of diesel.

bgs - below ground surface

c - Chromatogram not typical of motor oil.

d - non carcinogenic

e - Detection and quantitation limits raised due to sample dilution.

ESL - Tier 1 Environmental Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 2019).

NA - not analyzed

ND<X - Indicates constituent(s) not detected at or above method detection limit.

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

The analyte concentrations in bold font exceed their relevant screening level.

TPHd- Diesel Range (C12-C24 Carbon Range) Total Petroleum Hydrocarbons.by EPA Method 8015M.

TPHh/m - Hydraulic Oil/Motor Oil (C25-C32 Carbon Range) Total Petroleum Hydrocarbons by EPA Method 8015M.

TPPH - Total Purgeable Petroleum Hydrocarbons (C4-C14 Carbon Range) by LUFT Gas Chromatograph/Mass Spectrometer (GC/MS) Method.

Table 7
Volatile Organic Compounds by EPA Method 8260B
2600 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID			**SS-23**	**SS-23**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Sample ID			**SS-23**	**DUP 3**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Collection Date			**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**
Collection Depth			**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Constituent[a]	RSL	Notes	Result	Result	Result	Result	Result	Result	Result	Result
Benzene	1.2	c	ND<0.00067	ND<0.00067	ND<0.00067	ND<0.00067	ND<0.00067	0.0033	ND<0.00067	ND<0.00067
n-Butylbenzene	3,900	b	0.028	0.003	0.022	ND<0.00076	ND<0.00076	ND<0.00076	ND<0.00066	ND<0.00076
Ethylbenzene	5.8	c	ND<0.00069	ND<0.00069	0.0042	ND<0.00069	ND<0.00069	ND<0.00069	ND<0.000659	ND<0.00069
p-Isopropyltoluene	NAP	b	ND<0.00059	0.0016	0.0021	ND<0.00059	ND<0.00059	ND<0.00059	ND<0.00051	ND<0.00059
Naphthalene	2[d]	c, d	0.10	0.011	ND<0.00099	ND<0.00099	ND<0.00099	ND<0.00099	0.0012	ND<0.00099
n-Propylbenzene	3,800	b	0.024	0.0023	0.010	ND<0.00071	ND<0.00071	ND<0.00071	ND<0.00061	ND<0.00071
Toluene	4,900	b	0.012	0.0014	0.027	0.0012	ND<0.00069	0.0022	0.0010	0.00096
1,2,4-Trimethylbenzene	300	b	0.017	0.015	0.020	ND<0.00080	ND<0.00080	ND<0.00080	ND<0.00069	ND<0.00080
1,3,5-Trimethylbenzene	270	b	ND<0.00066	0.0039	0.0044	ND<0.00066	ND<0.00066	ND<0.00066	ND<0.00057	ND<0.00066
Total Xylenes	580	b	0.033	0.0035	0.016	ND<0.0025	ND<0.0025	ND<0.0025	ND<0.0022	ND<0.0025
p- & m-Xylenes	560 (p), 550 (m)	b	0.021	0.0022	0.010	ND<0.0015	ND<0.0015	ND<0.0015	ND<0.0013	ND<0.0015
o-Xylene	650	b	0.012	0.0013	0.0056	ND<0.00093	ND<0.00093	ND<0.00093	ND<0.00080	ND<0.00093
Other VOCs[f]			ND	ND	ND	ND	ND	ND	ND	ND

Notes:

a - Only the detected sample results are listed. Please refer to Appendix A for a complete list of the VOCs analyzed and their laboratory PQLs and MDLs.

b - non carcinogenic

c - carcinogenic

d - The RSL is substituted with the residential screening level from DTSC Human Health Risk Assessmmnet (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC-Sls), DTSC Human and Ecological Risk Office (HERO) June 2020.

e - The RSL is substitut4ed with the residential soil screeing levels from the Tier 1 Environmental Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 2019).

f - The compound-specific MDLs and PQLs for analytes that were not detected are presented with the laboratory reports in Appendix A.

DTSC - California Department of Toxic Substances Control

NA - Indicates analysis for VOCs not performed for this sample.

NAP - Not applicable.

ND - Indicates constituent not detected at or above laboratory method detection limit. A complete list of the laboratory method detection limits is included in Appendix J.

ND<X - Indicates constituent(s) not detected at or above method detection limit.

RSL - U. S. Environmental Protection Agency (EPA) Region 9 Regional Screening Level (RSL) for Residential and Industrial Soil, May 2021.

The analytical results in red font are J-flagged, where concentration of the analyte detected is between MDL and PQL.

The analyte concentrations in bold font exceed their relevant screening level.

TPPH - Total Purgeable Petroleum Hydrocarbons (C5-C12 Carbon Range) by LUFT Gas Chromatograph/Mass Spectrometer (GC/MS) Method.

VOC - Volatile Organic Compound.

Table 8
Polychlorinated Biphenyls by EPA Method 8082
2600 North Rose Avenue
Oxnard, California
(milligrams per kilogram)

Location ID			**SS-9**	**SS-21**	**SS-21**	**SS-22**
Sample ID			**SS-9**	**SS-21**	**Dup 2**	**SS-22**
Sample Date			**18-Jun-21**	**18-Jun-21**	**18-Jun-21**	**18-Jun-21**
Sample Depth feet bgs			**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Constituent[a]	RSL	Notes	Result	Result	Result	Result
PCB 1016	4.1	b	ND<0.023	ND<0.023	ND<0.023	ND<0.023
PCB 1221	0.2	c	ND<0.033	ND<0.033	ND<0.033	ND<0.033
PCB 1232	0.17	c	ND<0.026	ND<0.026	ND<0.026	ND<0.026
PCB 1242	0.23	c	ND<0.015	ND<0.015	ND<0.015	ND<0.015
PCB 1248	0.23	c	ND<0.021	ND<0.021	ND<0.021	ND<0.021
PCB 1254	0.24	c	ND<0.016	ND<0.016	ND<0.016	ND<0.016
PCB 1260	0.24	c	ND<0.018	ND<0.018	ND<0.018	ND<0.018

Notes:

a - Please refer to Appendix A for complete laboratory results.

b - non carcinogenic

bgs - below ground surface

c - carcinogenic.

ND<X - Indicates constituent(s) not detected at or above method detection limit.

RSL - Residential Soil Screening Level from the USEPA Region 9 Soil RSLs (USEPA 2021).

A - LABORATORY REPORT

Date of Report: 07/08/2021

James R. Steele

Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Client Project:	19305
BCL Project:	Rio School District South Rose Avenue Project
BCL Work Order:	2119955
Invoice ID:	B421830

Enclosed are the results of analyses for samples received by the laboratory on 6/21/2021. If you have any questions concerning this report, please feel free to contact me.

Revised Report: This report supercedes Report ID 1001189026

Sincerely,

Contact Person: Robert Cortez
Client Service Rep

Stuart Buttram
Technical Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
All results listed in this report are for the exclusive use of the submitting party. BC Laboratories, Inc. assumes no responsibility for report alteration, separation, detachment or third party interpretation.

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Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Case Narrative

Sample Receipt

COC Number:

Samples received refrigerated to 5.5 °C

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Project Number: 19305
Project Manager: James R. Steele

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Sample List

Lab Number	Date/Time Sampled	Sample Name
2119955-01	06/18/2021 09:00	CS-1
2119955-02	06/18/2021 10:00	CS-2
2119955-03	06/18/2021 12:00	CS-3
2119955-04	06/18/2021 12:50	CS-4
2119955-05	06/18/2021 13:10	CS-5
2119955-06	06/18/2021 13:00	CS-DUP1
2119955-07	06/18/2021 09:00	SS-1
2119955-08	06/18/2021 09:20	SS-2
2119955-09	06/18/2021 09:28	SS-3
2119955-10	06/18/2021 09:45	SS-4
2119955-11	06/18/2021 11:10	SS-5
2119955-12	06/18/2021 10:15	SS-6
2119955-13	06/18/2021 10:10	SS-7
2119955-14	06/18/2021 10:00	SS-8
2119955-15	06/18/2021 11:30	SS-9
2119955-16	06/18/2021 12:00	SS-10
2119955-17	06/18/2021 12:35	SS-11
2119955-18	06/18/2021 12:40	SS-12
2119955-19	06/18/2021 13:05	SS-13
2119955-20	06/18/2021 13:00	SS-14
2119955-21	06/18/2021 12:55	SS-15
2119955-22	06/18/2021 12:50	SS-16
2119955-23	06/18/2021 13:10	SS-17
2119955-24	06/18/2021 13:15	SS-18
2119955-25	06/18/2021 13:20	SS-19
2119955-26	06/18/2021 13:25	SS-20
2119955-27	06/18/2021 09:35	SS-21
2119955-28	06/18/2021 12:30	SS-22
2119955-29	06/18/2021 10:25	SS-23
2119955-30	06/18/2021 10:45	SS-24
2119955-31	06/18/2021 11:20	SS-25
2119955-32	06/18/2021 11:40	SS-26
2119955-33	06/18/2021 11:55	SS-27
2119955-34	06/18/2021 12:10	SS-28
2119955-35	06/18/2021 12:20	SS-29
2119955-36	06/18/2021 08:00	CS-DUP1-1
2119955-37	06/18/2021 08:00	CS-DUP1-2
2119955-38	06/18/2021 08:00	CS-DUP1-3
2119955-39	06/18/2021 08:00	CS-DUP1-4
2119955-40	06/18/2021 08:00	Dup1
2119955-41	06/18/2021 08:00	Dup2
2119955-42	06/18/2021 08:00	Dup3

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Sample List

Lab Number	Date/Time Sampled	Sample Name
2119955-43	06/18/2021 10:30	MO-1

Requested Analysis

EPA-6010B (TTLC), EPA-7471A (TTLC), EPA-8015B/FFP, EPA-8081A, EPA-8082, EPA-8260B, EPA-8270C, EPA-8270C-SIM

Sample	Analyte	Flag

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Sample Qualifier Summary

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2119955-07	EPA-8015B/FFP	TPH - Diesel (FFP)	A52
2119955-07	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-09	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-09	EPA-8270C-SIM	2-Fluorobiphenyl (Surrogate)	S09
2119955-11	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-13	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-15	EPA-8082	PCB-1016	A10
2119955-15	EPA-8082	PCB-1221	A10
2119955-15	EPA-8082	PCB-1232	A10
2119955-15	EPA-8082	PCB-1242	A10
2119955-15	EPA-8082	PCB-1248	A10
2119955-15	EPA-8082	PCB-1254	A10
2119955-15	EPA-8082	PCB-1260	A10
2119955-15	EPA-8082	Total PCB's (Summation)	A10
2119955-15	EPA-8082	Decachlorobiphenyl (Surrogate)	A10
2119955-15	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2119955-16	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-18	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-19	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-21	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-23	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-25	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-27	EPA-8082	PCB-1016	A10
2119955-27	EPA-8082	PCB-1221	A10
2119955-27	EPA-8082	PCB-1232	A10
2119955-27	EPA-8082	PCB-1242	A10
2119955-27	EPA-8082	PCB-1248	A10
2119955-27	EPA-8082	PCB-1254	A10
2119955-27	EPA-8082	PCB-1260	A10
2119955-27	EPA-8082	Total PCB's (Summation)	A10
2119955-27	EPA-8082	Decachlorobiphenyl (Surrogate)	A10
2119955-27	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2119955-28	EPA-8082	PCB-1016	A10
2119955-28	EPA-8082	PCB-1221	A10
2119955-28	EPA-8082	PCB-1232	A10
2119955-28	EPA-8082	PCB-1242	A10
2119955-28	EPA-8082	PCB-1248	A10
2119955-28	EPA-8082	PCB-1254	A10
2119955-28	EPA-8082	PCB-1260	A10

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Sample Qualifier Summary

Sample		Analyte	Flag
2119955-28	EPA-8082	Total PCB's (Summation)	A10
2119955-28	EPA-8082	Decachlorobiphenyl (Surrogate)	A10
2119955-28	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2119955-29	EPA-8015B/FFP	TPH - Diesel (FFP)	A52
2119955-29	EPA-8270C	Acenaphthene	A10
2119955-29	EPA-8270C	Acenaphthylene	A10
2119955-29	EPA-8270C	Aldrin	A10
2119955-29	EPA-8270C	Aniline	A10
2119955-29	EPA-8270C	Anthracene	A10
2119955-29	EPA-8270C	Benzidine	A10
2119955-29	EPA-8270C	Benzo[a]anthracene	A10
2119955-29	EPA-8270C	Benzo[b]fluoranthene	A10
2119955-29	EPA-8270C	Benzo[k]fluoranthene	A10
2119955-29	EPA-8270C	Benzo[a]pyrene	A10
2119955-29	EPA-8270C	Benzo[g,h,i]perylene	A10
2119955-29	EPA-8270C	Benzoic acid	A10
2119955-29	EPA-8270C	Benzyl alcohol	A10
2119955-29	EPA-8270C	Benzyl butyl phthalate	A10
2119955-29	EPA-8270C	alpha-BHC	A10
2119955-29	EPA-8270C	beta-BHC	A10
2119955-29	EPA-8270C	delta-BHC	A10
2119955-29	EPA-8270C	gamma-BHC (Lindane)	A10
2119955-29	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2119955-29	EPA-8270C	bis(2-Chloroethyl) ether	A10
2119955-29	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2119955-29	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2119955-29	EPA-8270C	4-Bromophenyl phenyl ether	A10
2119955-29	EPA-8270C	4-Chloroaniline	A10
2119955-29	EPA-8270C	2-Chloronaphthalene	A10
2119955-29	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2119955-29	EPA-8270C	Chrysene	A10
2119955-29	EPA-8270C	4,4'-DDD	A10
2119955-29	EPA-8270C	4,4'-DDE	A10
2119955-29	EPA-8270C	4,4'-DDT	A10
2119955-29	EPA-8270C	Dibenzo[a,h]anthracene	A10
2119955-29	EPA-8270C	Dibenzofuran	A10
2119955-29	EPA-8270C	1,2-Dichlorobenzene	A10
2119955-29	EPA-8270C	1,3-Dichlorobenzene	A10
2119955-29	EPA-8270C	1,4-Dichlorobenzene	A10

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Sample Qualifier Summary

Sample		Analyte	Flag
2119955-29	EPA-8270C	3,3-Dichlorobenzidine	A10
2119955-29	EPA-8270C	Dieldrin	A10
2119955-29	EPA-8270C	Diethyl phthalate	A10
2119955-29	EPA-8270C	Dimethyl phthalate	A10
2119955-29	EPA-8270C	Di-n-butyl phthalate	A10
2119955-29	EPA-8270C	2,4-Dinitrotoluene	A10
2119955-29	EPA-8270C	2,6-Dinitrotoluene	A10
2119955-29	EPA-8270C	Di-n-octyl phthalate	A10
2119955-29	EPA-8270C	1,2-Diphenylhydrazine	A10
2119955-29	EPA-8270C	Endosulfan I	A10
2119955-29	EPA-8270C	Endosulfan II	A10
2119955-29	EPA-8270C	Endosulfan sulfate	A10
2119955-29	EPA-8270C	Endrin	A10
2119955-29	EPA-8270C	Endrin aldehyde	A10
2119955-29	EPA-8270C	Fluoranthene	A10
2119955-29	EPA-8270C	Fluorene	A10
2119955-29	EPA-8270C	Heptachlor	A10
2119955-29	EPA-8270C	Heptachlor epoxide	A10
2119955-29	EPA-8270C	Hexachlorobenzene	A10
2119955-29	EPA-8270C	Hexachlorobutadiene	A10
2119955-29	EPA-8270C	Hexachlorocyclopentadiene	A10
2119955-29	EPA-8270C	Hexachloroethane	A10
2119955-29	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2119955-29	EPA-8270C	Isophorone	A10
2119955-29	EPA-8270C	2-Methylnaphthalene	A10
2119955-29	EPA-8270C	Naphthalene	A10
2119955-29	EPA-8270C	2-Naphthylamine	A10
2119955-29	EPA-8270C	2-Nitroaniline	A10
2119955-29	EPA-8270C	3-Nitroaniline	A10
2119955-29	EPA-8270C	4-Nitroaniline	A10
2119955-29	EPA-8270C	Nitrobenzene	A10
2119955-29	EPA-8270C	N-Nitrosodimethylamine	A10
2119955-29	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2119955-29	EPA-8270C	N-Nitrosodiphenylamine	A10
2119955-29	EPA-8270C	Phenanthrene	A10
2119955-29	EPA-8270C	Pyrene	A10
2119955-29	EPA-8270C	1,2,4-Trichlorobenzene	A10
2119955-29	EPA-8270C	4-Chloro-3-methylphenol	A10
2119955-29	EPA-8270C	2-Chlorophenol	A10

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Sample Qualifier Summary

Sample		Analyte	Flag
2119955-29	EPA-8270C	2,4-Dichlorophenol	A10
2119955-29	EPA-8270C	2,4-Dimethylphenol	A10
2119955-29	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2119955-29	EPA-8270C	2,4-Dinitrophenol	A10
2119955-29	EPA-8270C	2-Methylphenol	A10
2119955-29	EPA-8270C	3- & 4-Methylphenol	A10
2119955-29	EPA-8270C	2-Nitrophenol	A10
2119955-29	EPA-8270C	4-Nitrophenol	A10
2119955-29	EPA-8270C	Pentachlorophenol	A10
2119955-29	EPA-8270C	Phenol	A10
2119955-29	EPA-8270C	2,4,5-Trichlorophenol	A10
2119955-29	EPA-8270C	2,4,6-Trichlorophenol	A10
2119955-29	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2119955-29	EPA-8270C	Phenol-d5 (Surrogate)	A10
2119955-29	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2119955-29	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2119955-29	EPA-8270C	2-Fluorobiphenyl (Surrogate)	S09
2119955-29	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2119955-29	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2119955-29	EPA-8270C-SIM	Nitrobenzene-d5 (Surrogate)	A19
2119955-30	EPA-8015B/FFP	TPH - Diesel (FFP)	A52
2119955-30	EPA-8260B	Benzene	S08
2119955-30	EPA-8260B	Benzene	Z1
2119955-30	EPA-8260B	Bromobenzene	S08
2119955-30	EPA-8260B	Bromobenzene	Z1
2119955-30	EPA-8260B	Bromochloromethane	S08
2119955-30	EPA-8260B	Bromochloromethane	Z1
2119955-30	EPA-8260B	Bromodichloromethane	S08
2119955-30	EPA-8260B	Bromodichloromethane	Z1
2119955-30	EPA-8260B	Bromoform	S08
2119955-30	EPA-8260B	Bromoform	Z1
2119955-30	EPA-8260B	Bromomethane	S08
2119955-30	EPA-8260B	Bromomethane	Z1
2119955-30	EPA-8260B	n-Butylbenzene	S08
2119955-30	EPA-8260B	n-Butylbenzene	Z1
2119955-30	EPA-8260B	sec-Butylbenzene	S08
2119955-30	EPA-8260B	sec-Butylbenzene	Z1
2119955-30	EPA-8260B	tert-Butylbenzene	S08
2119955-30	EPA-8260B	tert-Butylbenzene	Z1

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Sample Qualifier Summary

Sample		Analyte	Flag
2119955-30	EPA-8260B	Carbon tetrachloride	S08
2119955-30	EPA-8260B	Carbon tetrachloride	Z1
2119955-30	EPA-8260B	Chlorobenzene	S08
2119955-30	EPA-8260B	Chlorobenzene	Z1
2119955-30	EPA-8260B	Chloroethane	S08
2119955-30	EPA-8260B	Chloroethane	Z1
2119955-30	EPA-8260B	Chloroform	S08
2119955-30	EPA-8260B	Chloroform	Z1
2119955-30	EPA-8260B	Chloromethane	S08
2119955-30	EPA-8260B	Chloromethane	Z1
2119955-30	EPA-8260B	2-Chlorotoluene	S08
2119955-30	EPA-8260B	2-Chlorotoluene	Z1
2119955-30	EPA-8260B	4-Chlorotoluene	S08
2119955-30	EPA-8260B	4-Chlorotoluene	Z1
2119955-30	EPA-8260B	Dibromochloromethane	S08
2119955-30	EPA-8260B	Dibromochloromethane	Z1
2119955-30	EPA-8260B	1,2-Dibromo-3-chloropropane	S08
2119955-30	EPA-8260B	1,2-Dibromo-3-chloropropane	Z1
2119955-30	EPA-8260B	1,2-Dibromoethane	S08
2119955-30	EPA-8260B	1,2-Dibromoethane	Z1
2119955-30	EPA-8260B	Dibromomethane	S08
2119955-30	EPA-8260B	Dibromomethane	Z1
2119955-30	EPA-8260B	1,2-Dichlorobenzene	S08
2119955-30	EPA-8260B	1,2-Dichlorobenzene	Z1
2119955-30	EPA-8260B	1,3-Dichlorobenzene	S08
2119955-30	EPA-8260B	1,3-Dichlorobenzene	Z1
2119955-30	EPA-8260B	1,4-Dichlorobenzene	S08
2119955-30	EPA-8260B	1,4-Dichlorobenzene	Z1
2119955-30	EPA-8260B	Dichlorodifluoromethane	S08
2119955-30	EPA-8260B	Dichlorodifluoromethane	Z1
2119955-30	EPA-8260B	1,1-Dichloroethane	S08
2119955-30	EPA-8260B	1,1-Dichloroethane	Z1
2119955-30	EPA-8260B	1,2-Dichloroethane	S08
2119955-30	EPA-8260B	1,2-Dichloroethane	Z1
2119955-30	EPA-8260B	1,1-Dichloroethene	S08
2119955-30	EPA-8260B	1,1-Dichloroethene	Z1
2119955-30	EPA-8260B	cis-1,2-Dichloroethene	S08
2119955-30	EPA-8260B	cis-1,2-Dichloroethene	Z1
2119955-30	EPA-8260B	trans-1,2-Dichloroethene	S08

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Sample Qualifier Summary

Sample		Analyte	Flag
2119955-30	EPA-8260B	trans-1,2-Dichloroethene	Z1
2119955-30	EPA-8260B	Total 1,2-Dichloroethene	S08
2119955-30	EPA-8260B	Total 1,2-Dichloroethene	Z1
2119955-30	EPA-8260B	1,2-Dichloropropane	S08
2119955-30	EPA-8260B	1,2-Dichloropropane	Z1
2119955-30	EPA-8260B	1,3-Dichloropropane	S08
2119955-30	EPA-8260B	1,3-Dichloropropane	Z1
2119955-30	EPA-8260B	2,2-Dichloropropane	S08
2119955-30	EPA-8260B	2,2-Dichloropropane	Z1
2119955-30	EPA-8260B	1,1-Dichloropropene	S08
2119955-30	EPA-8260B	1,1-Dichloropropene	Z1
2119955-30	EPA-8260B	cis-1,3-Dichloropropene	S08
2119955-30	EPA-8260B	cis-1,3-Dichloropropene	Z1
2119955-30	EPA-8260B	trans-1,3-Dichloropropene	S08
2119955-30	EPA-8260B	trans-1,3-Dichloropropene	Z1
2119955-30	EPA-8260B	Total 1,3-Dichloropropene	S08
2119955-30	EPA-8260B	Total 1,3-Dichloropropene	Z1
2119955-30	EPA-8260B	Ethylbenzene	S08
2119955-30	EPA-8260B	Ethylbenzene	Z1
2119955-30	EPA-8260B	Hexachlorobutadiene	S08
2119955-30	EPA-8260B	Hexachlorobutadiene	Z1
2119955-30	EPA-8260B	Isopropylbenzene	S08
2119955-30	EPA-8260B	Isopropylbenzene	Z1
2119955-30	EPA-8260B	p-Isopropyltoluene	S08
2119955-30	EPA-8260B	p-Isopropyltoluene	Z1
2119955-30	EPA-8260B	Methylene chloride	S08
2119955-30	EPA-8260B	Methylene chloride	Z1
2119955-30	EPA-8260B	Methyl t-butyl ether	S08
2119955-30	EPA-8260B	Methyl t-butyl ether	Z1
2119955-30	EPA-8260B	Naphthalene	S08
2119955-30	EPA-8260B	Naphthalene	Z1
2119955-30	EPA-8260B	n-Propylbenzene	S08
2119955-30	EPA-8260B	n-Propylbenzene	Z1
2119955-30	EPA-8260B	Styrene	S08
2119955-30	EPA-8260B	Styrene	Z1
2119955-30	EPA-8260B	1,1,1,2-Tetrachloroethane	S08
2119955-30	EPA-8260B	1,1,1,2-Tetrachloroethane	Z1
2119955-30	EPA-8260B	1,1,2,2-Tetrachloroethane	S08
2119955-30	EPA-8260B	1,1,2,2-Tetrachloroethane	Z1

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2119955-30	EPA-8260B	Tetrachloroethene	S08
2119955-30	EPA-8260B	Tetrachloroethene	Z1
2119955-30	EPA-8260B	Toluene	S08
2119955-30	EPA-8260B	Toluene	Z1
2119955-30	EPA-8260B	1,2,3-Trichlorobenzene	S08
2119955-30	EPA-8260B	1,2,3-Trichlorobenzene	Z1
2119955-30	EPA-8260B	1,2,4-Trichlorobenzene	S08
2119955-30	EPA-8260B	1,2,4-Trichlorobenzene	Z1
2119955-30	EPA-8260B	1,1,1-Trichloroethane	S08
2119955-30	EPA-8260B	1,1,1-Trichloroethane	Z1
2119955-30	EPA-8260B	1,1,2-Trichloroethane	S08
2119955-30	EPA-8260B	1,1,2-Trichloroethane	Z1
2119955-30	EPA-8260B	Trichloroethene	S08
2119955-30	EPA-8260B	Trichloroethene	Z1
2119955-30	EPA-8260B	Trichlorofluoromethane	S08
2119955-30	EPA-8260B	Trichlorofluoromethane	Z1
2119955-30	EPA-8260B	1,2,3-Trichloropropane	S08
2119955-30	EPA-8260B	1,2,3-Trichloropropane	Z1
2119955-30	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	S08
2119955-30	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Z1
2119955-30	EPA-8260B	1,2,4-Trimethylbenzene	S08
2119955-30	EPA-8260B	1,2,4-Trimethylbenzene	Z1
2119955-30	EPA-8260B	1,3,5-Trimethylbenzene	S08
2119955-30	EPA-8260B	1,3,5-Trimethylbenzene	Z1
2119955-30	EPA-8260B	Vinyl chloride	S08
2119955-30	EPA-8260B	Vinyl chloride	Z1
2119955-30	EPA-8260B	Total Xylenes	S08
2119955-30	EPA-8260B	Total Xylenes	Z1
2119955-30	EPA-8260B	Total Trihalomethanes	S08
2119955-30	EPA-8260B	Total Trihalomethanes	Z1
2119955-30	EPA-8260B	p- & m-Xylenes	S08
2119955-30	EPA-8260B	p- & m-Xylenes	Z1
2119955-30	EPA-8260B	o-Xylene	S08
2119955-30	EPA-8260B	o-Xylene	Z1
2119955-30	EPA-8260B	Toluene-d8 (Surrogate)	A20
2119955-30	EPA-8260B	Toluene-d8 (Surrogate)	S09
2119955-30	EPA-8260B	4-Bromofluorobenzene (Surrogate)	A20
2119955-30	EPA-8260B	4-Bromofluorobenzene (Surrogate)	S09
2119955-30	EPA-8270C	2-Fluorobiphenyl (Surrogate)	S09

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Sample		Analyte	Flag
2119955-30	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	S09
2119955-30	EPA-8270C-SIM	Acenaphthene	A10
2119955-30	EPA-8270C-SIM	Acenaphthylene	A10
2119955-30	EPA-8270C-SIM	Anthracene	A10
2119955-30	EPA-8270C-SIM	Benzo[a]anthracene	A10
2119955-30	EPA-8270C-SIM	Benzo[b]fluoranthene	A10
2119955-30	EPA-8270C-SIM	Benzo[k]fluoranthene	A10
2119955-30	EPA-8270C-SIM	Benzo[a]pyrene	A10
2119955-30	EPA-8270C-SIM	Benzo[g,h,i]perylene	A10
2119955-30	EPA-8270C-SIM	Chrysene	A10
2119955-30	EPA-8270C-SIM	Dibenzo[a,h]anthracene	A10
2119955-30	EPA-8270C-SIM	Fluoranthene	A10
2119955-30	EPA-8270C-SIM	Fluorene	A10
2119955-30	EPA-8270C-SIM	Indeno[1,2,3-cd]pyrene	A10
2119955-30	EPA-8270C-SIM	Naphthalene	A10
2119955-30	EPA-8270C-SIM	Phenanthrene	A10
2119955-30	EPA-8270C-SIM	Pyrene	A10
2119955-30	EPA-8270C-SIM	Nitrobenzene-d5 (Surrogate)	A10
2119955-30	EPA-8270C-SIM	2-Fluorobiphenyl (Surrogate)	A10
2119955-30	EPA-8270C-SIM	p-Terphenyl-d14 (Surrogate)	A10
2119955-30	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	S08
2119955-30	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	Z1
2119955-31	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-31	EPA-8260B	Benzene	S08
2119955-31	EPA-8260B	Benzene	Z1
2119955-31	EPA-8260B	Bromobenzene	S08
2119955-31	EPA-8260B	Bromobenzene	Z1
2119955-31	EPA-8260B	Bromochloromethane	S08
2119955-31	EPA-8260B	Bromochloromethane	Z1
2119955-31	EPA-8260B	Bromodichloromethane	S08
2119955-31	EPA-8260B	Bromodichloromethane	Z1
2119955-31	EPA-8260B	Bromoform	S08
2119955-31	EPA-8260B	Bromoform	Z1
2119955-31	EPA-8260B	Bromomethane	S08
2119955-31	EPA-8260B	Bromomethane	Z1
2119955-31	EPA-8260B	n-Butylbenzene	S08
2119955-31	EPA-8260B	n-Butylbenzene	Z1
2119955-31	EPA-8260B	sec-Butylbenzene	S08
2119955-31	EPA-8260B	sec-Butylbenzene	Z1

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2119955-31	EPA-8260B	tert-Butylbenzene	S08
2119955-31	EPA-8260B	tert-Butylbenzene	Z1
2119955-31	EPA-8260B	Carbon tetrachloride	S08
2119955-31	EPA-8260B	Carbon tetrachloride	Z1
2119955-31	EPA-8260B	Chlorobenzene	S08
2119955-31	EPA-8260B	Chlorobenzene	Z1
2119955-31	EPA-8260B	Chloroethane	S08
2119955-31	EPA-8260B	Chloroethane	Z1
2119955-31	EPA-8260B	Chloroform	S08
2119955-31	EPA-8260B	Chloroform	Z1
2119955-31	EPA-8260B	Chloromethane	S08
2119955-31	EPA-8260B	Chloromethane	Z1
2119955-31	EPA-8260B	2-Chlorotoluene	S08
2119955-31	EPA-8260B	2-Chlorotoluene	Z1
2119955-31	EPA-8260B	4-Chlorotoluene	S08
2119955-31	EPA-8260B	4-Chlorotoluene	Z1
2119955-31	EPA-8260B	Dibromochloromethane	S08
2119955-31	EPA-8260B	Dibromochloromethane	Z1
2119955-31	EPA-8260B	1,2-Dibromo-3-chloropropane	S08
2119955-31	EPA-8260B	1,2-Dibromo-3-chloropropane	Z1
2119955-31	EPA-8260B	1,2-Dibromoethane	S08
2119955-31	EPA-8260B	1,2-Dibromoethane	Z1
2119955-31	EPA-8260B	Dibromomethane	S08
2119955-31	EPA-8260B	Dibromomethane	Z1
2119955-31	EPA-8260B	1,2-Dichlorobenzene	S08
2119955-31	EPA-8260B	1,2-Dichlorobenzene	Z1
2119955-31	EPA-8260B	1,3-Dichlorobenzene	S08
2119955-31	EPA-8260B	1,3-Dichlorobenzene	Z1
2119955-31	EPA-8260B	1,4-Dichlorobenzene	S08
2119955-31	EPA-8260B	1,4-Dichlorobenzene	Z1
2119955-31	EPA-8260B	Dichlorodifluoromethane	S08
2119955-31	EPA-8260B	Dichlorodifluoromethane	Z1
2119955-31	EPA-8260B	1,1-Dichloroethane	S08
2119955-31	EPA-8260B	1,1-Dichloroethane	Z1
2119955-31	EPA-8260B	1,2-Dichloroethane	S08
2119955-31	EPA-8260B	1,2-Dichloroethane	Z1
2119955-31	EPA-8260B	1,1-Dichloroethene	S08
2119955-31	EPA-8260B	1,1-Dichloroethene	Z1
2119955-31	EPA-8260B	cis-1,2-Dichloroethene	S08

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2119955-31	EPA-8260B	cis-1,2-Dichloroethene	Z1
2119955-31	EPA-8260B	trans-1,2-Dichloroethene	S08
2119955-31	EPA-8260B	trans-1,2-Dichloroethene	Z1
2119955-31	EPA-8260B	Total 1,2-Dichloroethene	S08
2119955-31	EPA-8260B	Total 1,2-Dichloroethene	Z1
2119955-31	EPA-8260B	1,2-Dichloropropane	S08
2119955-31	EPA-8260B	1,2-Dichloropropane	Z1
2119955-31	EPA-8260B	1,3-Dichloropropane	S08
2119955-31	EPA-8260B	1,3-Dichloropropane	Z1
2119955-31	EPA-8260B	2,2-Dichloropropane	S08
2119955-31	EPA-8260B	2,2-Dichloropropane	Z1
2119955-31	EPA-8260B	1,1-Dichloropropene	S08
2119955-31	EPA-8260B	1,1-Dichloropropene	Z1
2119955-31	EPA-8260B	cis-1,3-Dichloropropene	S08
2119955-31	EPA-8260B	cis-1,3-Dichloropropene	Z1
2119955-31	EPA-8260B	trans-1,3-Dichloropropene	S08
2119955-31	EPA-8260B	trans-1,3-Dichloropropene	Z1
2119955-31	EPA-8260B	Total 1,3-Dichloropropene	S08
2119955-31	EPA-8260B	Total 1,3-Dichloropropene	Z1
2119955-31	EPA-8260B	Ethylbenzene	S08
2119955-31	EPA-8260B	Ethylbenzene	Z1
2119955-31	EPA-8260B	Hexachlorobutadiene	S08
2119955-31	EPA-8260B	Hexachlorobutadiene	Z1
2119955-31	EPA-8260B	Isopropylbenzene	S08
2119955-31	EPA-8260B	Isopropylbenzene	Z1
2119955-31	EPA-8260B	p-Isopropyltoluene	S08
2119955-31	EPA-8260B	p-Isopropyltoluene	Z1
2119955-31	EPA-8260B	Methylene chloride	S08
2119955-31	EPA-8260B	Methylene chloride	Z1
2119955-31	EPA-8260B	Methyl t-butyl ether	S08
2119955-31	EPA-8260B	Methyl t-butyl ether	Z1
2119955-31	EPA-8260B	Naphthalene	S08
2119955-31	EPA-8260B	Naphthalene	Z1
2119955-31	EPA-8260B	n-Propylbenzene	S08
2119955-31	EPA-8260B	n-Propylbenzene	Z1
2119955-31	EPA-8260B	Styrene	S08
2119955-31	EPA-8260B	Styrene	Z1
2119955-31	EPA-8260B	1,1,1,2-Tetrachloroethane	S08
2119955-31	EPA-8260B	1,1,1,2-Tetrachloroethane	Z1

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2119955-31	EPA-8260B	1,1,2,2-Tetrachloroethane	S08
2119955-31	EPA-8260B	1,1,2,2-Tetrachloroethane	Z1
2119955-31	EPA-8260B	Tetrachloroethene	S08
2119955-31	EPA-8260B	Tetrachloroethene	Z1
2119955-31	EPA-8260B	Toluene	S08
2119955-31	EPA-8260B	Toluene	Z1
2119955-31	EPA-8260B	1,2,3-Trichlorobenzene	S08
2119955-31	EPA-8260B	1,2,3-Trichlorobenzene	Z1
2119955-31	EPA-8260B	1,2,4-Trichlorobenzene	S08
2119955-31	EPA-8260B	1,2,4-Trichlorobenzene	Z1
2119955-31	EPA-8260B	1,1,1-Trichloroethane	S08
2119955-31	EPA-8260B	1,1,1-Trichloroethane	Z1
2119955-31	EPA-8260B	1,1,2-Trichloroethane	S08
2119955-31	EPA-8260B	1,1,2-Trichloroethane	Z1
2119955-31	EPA-8260B	Trichloroethene	S08
2119955-31	EPA-8260B	Trichloroethene	Z1
2119955-31	EPA-8260B	Trichlorofluoromethane	S08
2119955-31	EPA-8260B	Trichlorofluoromethane	Z1
2119955-31	EPA-8260B	1,2,3-Trichloropropane	S08
2119955-31	EPA-8260B	1,2,3-Trichloropropane	Z1
2119955-31	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	S08
2119955-31	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Z1
2119955-31	EPA-8260B	1,2,4-Trimethylbenzene	S08
2119955-31	EPA-8260B	1,2,4-Trimethylbenzene	Z1
2119955-31	EPA-8260B	1,3,5-Trimethylbenzene	S08
2119955-31	EPA-8260B	1,3,5-Trimethylbenzene	Z1
2119955-31	EPA-8260B	Vinyl chloride	S08
2119955-31	EPA-8260B	Vinyl chloride	Z1
2119955-31	EPA-8260B	Total Xylenes	S08
2119955-31	EPA-8260B	Total Xylenes	Z1
2119955-31	EPA-8260B	Total Trihalomethanes	S08
2119955-31	EPA-8260B	Total Trihalomethanes	Z1
2119955-31	EPA-8260B	p- & m-Xylenes	S08
2119955-31	EPA-8260B	p- & m-Xylenes	Z1
2119955-31	EPA-8260B	o-Xylene	S08
2119955-31	EPA-8260B	o-Xylene	Z1
2119955-31	EPA-8260B	Toluene-d8 (Surrogate)	A20
2119955-31	EPA-8260B	Toluene-d8 (Surrogate)	S09
2119955-31	EPA-8260B	4-Bromofluorobenzene (Surrogate)	A20

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2119955-31	EPA-8260B	4-Bromofluorobenzene (Surrogate)	S09
2119955-31	EPA-8270C	Acenaphthene	A10
2119955-31	EPA-8270C	Acenaphthylene	A10
2119955-31	EPA-8270C	Aldrin	A10
2119955-31	EPA-8270C	Aniline	A10
2119955-31	EPA-8270C	Anthracene	A10
2119955-31	EPA-8270C	Benzidine	A10
2119955-31	EPA-8270C	Benzo[a]anthracene	A10
2119955-31	EPA-8270C	Benzo[b]fluoranthene	A10
2119955-31	EPA-8270C	Benzo[k]fluoranthene	A10
2119955-31	EPA-8270C	Benzo[a]pyrene	A10
2119955-31	EPA-8270C	Benzo[g,h,i]perylene	A10
2119955-31	EPA-8270C	Benzoic acid	A10
2119955-31	EPA-8270C	Benzyl alcohol	A10
2119955-31	EPA-8270C	Benzyl butyl phthalate	A10
2119955-31	EPA-8270C	alpha-BHC	A10
2119955-31	EPA-8270C	beta-BHC	A10
2119955-31	EPA-8270C	delta-BHC	A10
2119955-31	EPA-8270C	gamma-BHC (Lindane)	A10
2119955-31	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2119955-31	EPA-8270C	bis(2-Chloroethyl) ether	A10
2119955-31	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2119955-31	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2119955-31	EPA-8270C	4-Bromophenyl phenyl ether	A10
2119955-31	EPA-8270C	4-Chloroaniline	A10
2119955-31	EPA-8270C	2-Chloronaphthalene	A10
2119955-31	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2119955-31	EPA-8270C	Chrysene	A10
2119955-31	EPA-8270C	4,4'-DDD	A10
2119955-31	EPA-8270C	4,4'-DDE	A10
2119955-31	EPA-8270C	4,4'-DDT	A10
2119955-31	EPA-8270C	Dibenzo[a,h]anthracene	A10
2119955-31	EPA-8270C	Dibenzofuran	A10
2119955-31	EPA-8270C	1,2-Dichlorobenzene	A10
2119955-31	EPA-8270C	1,3-Dichlorobenzene	A10
2119955-31	EPA-8270C	1,4-Dichlorobenzene	A10
2119955-31	EPA-8270C	3,3-Dichlorobenzidine	A10
2119955-31	EPA-8270C	Dieldrin	A10
2119955-31	EPA-8270C	Diethyl phthalate	A10

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Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

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Sample Qualifier Summary

Sample		Analyte	Flag
2119955-31	EPA-8270C	Dimethyl phthalate	A10
2119955-31	EPA-8270C	Di-n-butyl phthalate	A10
2119955-31	EPA-8270C	2,4-Dinitrotoluene	A10
2119955-31	EPA-8270C	2,6-Dinitrotoluene	A10
2119955-31	EPA-8270C	Di-n-octyl phthalate	A10
2119955-31	EPA-8270C	1,2-Diphenylhydrazine	A10
2119955-31	EPA-8270C	Endosulfan I	A10
2119955-31	EPA-8270C	Endosulfan II	A10
2119955-31	EPA-8270C	Endosulfan sulfate	A10
2119955-31	EPA-8270C	Endrin	A10
2119955-31	EPA-8270C	Endrin aldehyde	A10
2119955-31	EPA-8270C	Fluoranthene	A10
2119955-31	EPA-8270C	Fluorene	A10
2119955-31	EPA-8270C	Heptachlor	A10
2119955-31	EPA-8270C	Heptachlor epoxide	A10
2119955-31	EPA-8270C	Hexachlorobenzene	A10
2119955-31	EPA-8270C	Hexachlorobutadiene	A10
2119955-31	EPA-8270C	Hexachlorocyclopentadiene	A10
2119955-31	EPA-8270C	Hexachloroethane	A10
2119955-31	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2119955-31	EPA-8270C	Isophorone	A10
2119955-31	EPA-8270C	2-Methylnaphthalene	A10
2119955-31	EPA-8270C	Naphthalene	A10
2119955-31	EPA-8270C	2-Naphthylamine	A10
2119955-31	EPA-8270C	2-Nitroaniline	A10
2119955-31	EPA-8270C	3-Nitroaniline	A10
2119955-31	EPA-8270C	4-Nitroaniline	A10
2119955-31	EPA-8270C	Nitrobenzene	A10
2119955-31	EPA-8270C	N-Nitrosodimethylamine	A10
2119955-31	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2119955-31	EPA-8270C	N-Nitrosodiphenylamine	A10
2119955-31	EPA-8270C	Phenanthrene	A10
2119955-31	EPA-8270C	Pyrene	A10
2119955-31	EPA-8270C	1,2,4-Trichlorobenzene	A10
2119955-31	EPA-8270C	4-Chloro-3-methylphenol	A10
2119955-31	EPA-8270C	2-Chlorophenol	A10
2119955-31	EPA-8270C	2,4-Dichlorophenol	A10
2119955-31	EPA-8270C	2,4-Dimethylphenol	A10
2119955-31	EPA-8270C	4,6-Dinitro-2-methylphenol	A10

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2119955-31	EPA-8270C	2,4-Dinitrophenol	A10
2119955-31	EPA-8270C	2-Methylphenol	A10
2119955-31	EPA-8270C	3- & 4-Methylphenol	A10
2119955-31	EPA-8270C	2-Nitrophenol	A10
2119955-31	EPA-8270C	4-Nitrophenol	A10
2119955-31	EPA-8270C	Pentachlorophenol	A10
2119955-31	EPA-8270C	Phenol	A10
2119955-31	EPA-8270C	2,4,5-Trichlorophenol	A10
2119955-31	EPA-8270C	2,4,6-Trichlorophenol	A10
2119955-31	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2119955-31	EPA-8270C	Phenol-d5 (Surrogate)	A10
2119955-31	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2119955-31	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2119955-31	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2119955-31	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2119955-31	EPA-8270C-SIM	Acenaphthene	A10
2119955-31	EPA-8270C-SIM	Acenaphthylene	A10
2119955-31	EPA-8270C-SIM	Anthracene	A10
2119955-31	EPA-8270C-SIM	Benzo[a]anthracene	A10
2119955-31	EPA-8270C-SIM	Benzo[b]fluoranthene	A10
2119955-31	EPA-8270C-SIM	Benzo[k]fluoranthene	A10
2119955-31	EPA-8270C-SIM	Benzo[a]pyrene	A10
2119955-31	EPA-8270C-SIM	Benzo[g,h,i]perylene	A10
2119955-31	EPA-8270C-SIM	Chrysene	A10
2119955-31	EPA-8270C-SIM	Dibenzo[a,h]anthracene	A10
2119955-31	EPA-8270C-SIM	Fluoranthene	A10
2119955-31	EPA-8270C-SIM	Fluorene	A10
2119955-31	EPA-8270C-SIM	Indeno[1,2,3-cd]pyrene	A10
2119955-31	EPA-8270C-SIM	Naphthalene	A10
2119955-31	EPA-8270C-SIM	Phenanthrene	A10
2119955-31	EPA-8270C-SIM	Pyrene	A10
2119955-31	EPA-8270C-SIM	Nitrobenzene-d5 (Surrogate)	A10
2119955-31	EPA-8270C-SIM	2-Fluorobiphenyl (Surrogate)	A10
2119955-31	EPA-8270C-SIM	p-Terphenyl-d14 (Surrogate)	A10
2119955-31	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	S08
2119955-31	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	Z1
2119955-32	EPA-8015B/FFP	TPH - Diesel (FFP)	A52
2119955-32	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-32	EPA-8260B	Benzene	S08

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Sample		Analyte	Flag
2119955-32	EPA-8260B	Benzene	Z1
2119955-32	EPA-8260B	Bromobenzene	S08
2119955-32	EPA-8260B	Bromobenzene	Z1
2119955-32	EPA-8260B	Bromochloromethane	S08
2119955-32	EPA-8260B	Bromochloromethane	Z1
2119955-32	EPA-8260B	Bromodichloromethane	S08
2119955-32	EPA-8260B	Bromodichloromethane	Z1
2119955-32	EPA-8260B	Bromoform	S08
2119955-32	EPA-8260B	Bromoform	Z1
2119955-32	EPA-8260B	Bromomethane	S08
2119955-32	EPA-8260B	Bromomethane	Z1
2119955-32	EPA-8260B	n-Butylbenzene	S08
2119955-32	EPA-8260B	n-Butylbenzene	Z1
2119955-32	EPA-8260B	sec-Butylbenzene	S08
2119955-32	EPA-8260B	sec-Butylbenzene	Z1
2119955-32	EPA-8260B	tert-Butylbenzene	S08
2119955-32	EPA-8260B	tert-Butylbenzene	Z1
2119955-32	EPA-8260B	Carbon tetrachloride	S08
2119955-32	EPA-8260B	Carbon tetrachloride	Z1
2119955-32	EPA-8260B	Chlorobenzene	S08
2119955-32	EPA-8260B	Chlorobenzene	Z1
2119955-32	EPA-8260B	Chloroethane	S08
2119955-32	EPA-8260B	Chloroethane	Z1
2119955-32	EPA-8260B	Chloroform	S08
2119955-32	EPA-8260B	Chloroform	Z1
2119955-32	EPA-8260B	Chloromethane	S08
2119955-32	EPA-8260B	Chloromethane	Z1
2119955-32	EPA-8260B	2-Chlorotoluene	S08
2119955-32	EPA-8260B	2-Chlorotoluene	Z1
2119955-32	EPA-8260B	4-Chlorotoluene	S08
2119955-32	EPA-8260B	4-Chlorotoluene	Z1
2119955-32	EPA-8260B	Dibromochloromethane	S08
2119955-32	EPA-8260B	Dibromochloromethane	Z1
2119955-32	EPA-8260B	1,2-Dibromo-3-chloropropane	S08
2119955-32	EPA-8260B	1,2-Dibromo-3-chloropropane	Z1
2119955-32	EPA-8260B	1,2-Dibromoethane	S08
2119955-32	EPA-8260B	1,2-Dibromoethane	Z1
2119955-32	EPA-8260B	Dibromomethane	S08
2119955-32	EPA-8260B	Dibromomethane	Z1

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Sample		Analyte	Flag
2119955-32	EPA-8260B	1,2-Dichlorobenzene	S08
2119955-32	EPA-8260B	1,2-Dichlorobenzene	Z1
2119955-32	EPA-8260B	1,3-Dichlorobenzene	S08
2119955-32	EPA-8260B	1,3-Dichlorobenzene	Z1
2119955-32	EPA-8260B	1,4-Dichlorobenzene	S08
2119955-32	EPA-8260B	1,4-Dichlorobenzene	Z1
2119955-32	EPA-8260B	Dichlorodifluoromethane	S08
2119955-32	EPA-8260B	Dichlorodifluoromethane	Z1
2119955-32	EPA-8260B	1,1-Dichloroethane	S08
2119955-32	EPA-8260B	1,1-Dichloroethane	Z1
2119955-32	EPA-8260B	1,2-Dichloroethane	S08
2119955-32	EPA-8260B	1,2-Dichloroethane	Z1
2119955-32	EPA-8260B	1,1-Dichloroethene	S08
2119955-32	EPA-8260B	1,1-Dichloroethene	Z1
2119955-32	EPA-8260B	cis-1,2-Dichloroethene	S08
2119955-32	EPA-8260B	cis-1,2-Dichloroethene	Z1
2119955-32	EPA-8260B	trans-1,2-Dichloroethene	S08
2119955-32	EPA-8260B	trans-1,2-Dichloroethene	Z1
2119955-32	EPA-8260B	Total 1,2-Dichloroethene	S08
2119955-32	EPA-8260B	Total 1,2-Dichloroethene	Z1
2119955-32	EPA-8260B	1,2-Dichloropropane	S08
2119955-32	EPA-8260B	1,2-Dichloropropane	Z1
2119955-32	EPA-8260B	1,3-Dichloropropane	S08
2119955-32	EPA-8260B	1,3-Dichloropropane	Z1
2119955-32	EPA-8260B	2,2-Dichloropropane	S08
2119955-32	EPA-8260B	2,2-Dichloropropane	Z1
2119955-32	EPA-8260B	1,1-Dichloropropene	S08
2119955-32	EPA-8260B	1,1-Dichloropropene	Z1
2119955-32	EPA-8260B	cis-1,3-Dichloropropene	S08
2119955-32	EPA-8260B	cis-1,3-Dichloropropene	Z1
2119955-32	EPA-8260B	trans-1,3-Dichloropropene	S08
2119955-32	EPA-8260B	trans-1,3-Dichloropropene	Z1
2119955-32	EPA-8260B	Total 1,3-Dichloropropene	S08
2119955-32	EPA-8260B	Total 1,3-Dichloropropene	Z1
2119955-32	EPA-8260B	Ethylbenzene	S08
2119955-32	EPA-8260B	Ethylbenzene	Z1
2119955-32	EPA-8260B	Hexachlorobutadiene	S08
2119955-32	EPA-8260B	Hexachlorobutadiene	Z1
2119955-32	EPA-8260B	Isopropylbenzene	S08

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Sample		Analyte	Flag
2119955-32	EPA-8260B	Isopropylbenzene	Z1
2119955-32	EPA-8260B	p-Isopropyltoluene	S08
2119955-32	EPA-8260B	p-Isopropyltoluene	Z1
2119955-32	EPA-8260B	Methylene chloride	S08
2119955-32	EPA-8260B	Methylene chloride	Z1
2119955-32	EPA-8260B	Methyl t-butyl ether	S08
2119955-32	EPA-8260B	Methyl t-butyl ether	Z1
2119955-32	EPA-8260B	Naphthalene	S08
2119955-32	EPA-8260B	Naphthalene	Z1
2119955-32	EPA-8260B	n-Propylbenzene	S08
2119955-32	EPA-8260B	n-Propylbenzene	Z1
2119955-32	EPA-8260B	Styrene	S08
2119955-32	EPA-8260B	Styrene	Z1
2119955-32	EPA-8260B	1,1,1,2-Tetrachloroethane	S08
2119955-32	EPA-8260B	1,1,1,2-Tetrachloroethane	Z1
2119955-32	EPA-8260B	1,1,2,2-Tetrachloroethane	S08
2119955-32	EPA-8260B	1,1,2,2-Tetrachloroethane	Z1
2119955-32	EPA-8260B	Tetrachloroethene	S08
2119955-32	EPA-8260B	Tetrachloroethene	Z1
2119955-32	EPA-8260B	Toluene	S08
2119955-32	EPA-8260B	Toluene	Z1
2119955-32	EPA-8260B	1,2,3-Trichlorobenzene	S08
2119955-32	EPA-8260B	1,2,3-Trichlorobenzene	Z1
2119955-32	EPA-8260B	1,2,4-Trichlorobenzene	S08
2119955-32	EPA-8260B	1,2,4-Trichlorobenzene	Z1
2119955-32	EPA-8260B	1,1,1-Trichloroethane	S08
2119955-32	EPA-8260B	1,1,1-Trichloroethane	Z1
2119955-32	EPA-8260B	1,1,2-Trichloroethane	S08
2119955-32	EPA-8260B	1,1,2-Trichloroethane	Z1
2119955-32	EPA-8260B	Trichloroethene	S08
2119955-32	EPA-8260B	Trichloroethene	Z1
2119955-32	EPA-8260B	Trichlorofluoromethane	S08
2119955-32	EPA-8260B	Trichlorofluoromethane	Z1
2119955-32	EPA-8260B	1,2,3-Trichloropropane	S08
2119955-32	EPA-8260B	1,2,3-Trichloropropane	Z1
2119955-32	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	S08
2119955-32	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Z1
2119955-32	EPA-8260B	1,2,4-Trimethylbenzene	S08
2119955-32	EPA-8260B	1,2,4-Trimethylbenzene	Z1

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2119955-32	EPA-8260B	1,3,5-Trimethylbenzene	S08
2119955-32	EPA-8260B	1,3,5-Trimethylbenzene	Z1
2119955-32	EPA-8260B	Vinyl chloride	S08
2119955-32	EPA-8260B	Vinyl chloride	Z1
2119955-32	EPA-8260B	Total Xylenes	S08
2119955-32	EPA-8260B	Total Xylenes	Z1
2119955-32	EPA-8260B	Total Trihalomethanes	S08
2119955-32	EPA-8260B	Total Trihalomethanes	Z1
2119955-32	EPA-8260B	p- & m-Xylenes	S08
2119955-32	EPA-8260B	p- & m-Xylenes	Z1
2119955-32	EPA-8260B	o-Xylene	S08
2119955-32	EPA-8260B	o-Xylene	Z1
2119955-32	EPA-8260B	Toluene-d8 (Surrogate)	A20
2119955-32	EPA-8260B	Toluene-d8 (Surrogate)	S09
2119955-32	EPA-8260B	4-Bromofluorobenzene (Surrogate)	A20
2119955-32	EPA-8260B	4-Bromofluorobenzene (Surrogate)	S09
2119955-32	EPA-8270C	Acenaphthene	A10
2119955-32	EPA-8270C	Acenaphthylene	A10
2119955-32	EPA-8270C	Aldrin	A10
2119955-32	EPA-8270C	Aniline	A10
2119955-32	EPA-8270C	Anthracene	A10
2119955-32	EPA-8270C	Benzidine	A10
2119955-32	EPA-8270C	Benzo[a]anthracene	A10
2119955-32	EPA-8270C	Benzo[b]fluoranthene	A10
2119955-32	EPA-8270C	Benzo[k]fluoranthene	A10
2119955-32	EPA-8270C	Benzo[a]pyrene	A10
2119955-32	EPA-8270C	Benzo[g,h,i]perylene	A10
2119955-32	EPA-8270C	Benzoic acid	A10
2119955-32	EPA-8270C	Benzyl alcohol	A10
2119955-32	EPA-8270C	Benzyl butyl phthalate	A10
2119955-32	EPA-8270C	alpha-BHC	A10
2119955-32	EPA-8270C	beta-BHC	A10
2119955-32	EPA-8270C	delta-BHC	A10
2119955-32	EPA-8270C	gamma-BHC (Lindane)	A10
2119955-32	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2119955-32	EPA-8270C	bis(2-Chloroethyl) ether	A10
2119955-32	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2119955-32	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2119955-32	EPA-8270C	4-Bromophenyl phenyl ether	A10

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2119955-32	EPA-8270C	4-Chloroaniline	A10
2119955-32	EPA-8270C	2-Chloronaphthalene	A10
2119955-32	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2119955-32	EPA-8270C	Chrysene	A10
2119955-32	EPA-8270C	4,4'-DDD	A10
2119955-32	EPA-8270C	4,4'-DDE	A10
2119955-32	EPA-8270C	4,4'-DDT	A10
2119955-32	EPA-8270C	Dibenzo[a,h]anthracene	A10
2119955-32	EPA-8270C	Dibenzofuran	A10
2119955-32	EPA-8270C	1,2-Dichlorobenzene	A10
2119955-32	EPA-8270C	1,3-Dichlorobenzene	A10
2119955-32	EPA-8270C	1,4-Dichlorobenzene	A10
2119955-32	EPA-8270C	3,3-Dichlorobenzidine	A10
2119955-32	EPA-8270C	Dieldrin	A10
2119955-32	EPA-8270C	Diethyl phthalate	A10
2119955-32	EPA-8270C	Dimethyl phthalate	A10
2119955-32	EPA-8270C	Di-n-butyl phthalate	A10
2119955-32	EPA-8270C	2,4-Dinitrotoluene	A10
2119955-32	EPA-8270C	2,6-Dinitrotoluene	A10
2119955-32	EPA-8270C	Di-n-octyl phthalate	A10
2119955-32	EPA-8270C	1,2-Diphenylhydrazine	A10
2119955-32	EPA-8270C	Endosulfan I	A10
2119955-32	EPA-8270C	Endosulfan II	A10
2119955-32	EPA-8270C	Endosulfan sulfate	A10
2119955-32	EPA-8270C	Endrin	A10
2119955-32	EPA-8270C	Endrin aldehyde	A10
2119955-32	EPA-8270C	Fluoranthene	A10
2119955-32	EPA-8270C	Fluorene	A10
2119955-32	EPA-8270C	Heptachlor	A10
2119955-32	EPA-8270C	Heptachlor epoxide	A10
2119955-32	EPA-8270C	Hexachlorobenzene	A10
2119955-32	EPA-8270C	Hexachlorobutadiene	A10
2119955-32	EPA-8270C	Hexachlorocyclopentadiene	A10
2119955-32	EPA-8270C	Hexachloroethane	A10
2119955-32	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2119955-32	EPA-8270C	Isophorone	A10
2119955-32	EPA-8270C	2-Methylnaphthalene	A10
2119955-32	EPA-8270C	Naphthalene	A10
2119955-32	EPA-8270C	2-Naphthylamine	A10

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Project Number: 19305
Project Manager: James R. Steele

Case Narrative

Sample Qualifier Summary

Sample		Analyte	Flag
2119955-32	EPA-8270C	2-Nitroaniline	A10
2119955-32	EPA-8270C	3-Nitroaniline	A10
2119955-32	EPA-8270C	4-Nitroaniline	A10
2119955-32	EPA-8270C	Nitrobenzene	A10
2119955-32	EPA-8270C	N-Nitrosodimethylamine	A10
2119955-32	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2119955-32	EPA-8270C	N-Nitrosodiphenylamine	A10
2119955-32	EPA-8270C	Phenanthrene	A10
2119955-32	EPA-8270C	Pyrene	A10
2119955-32	EPA-8270C	1,2,4-Trichlorobenzene	A10
2119955-32	EPA-8270C	4-Chloro-3-methylphenol	A10
2119955-32	EPA-8270C	2-Chlorophenol	A10
2119955-32	EPA-8270C	2,4-Dichlorophenol	A10
2119955-32	EPA-8270C	2,4-Dimethylphenol	A10
2119955-32	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2119955-32	EPA-8270C	2,4-Dinitrophenol	A10
2119955-32	EPA-8270C	2-Methylphenol	A10
2119955-32	EPA-8270C	3- & 4-Methylphenol	A10
2119955-32	EPA-8270C	2-Nitrophenol	A10
2119955-32	EPA-8270C	4-Nitrophenol	A10
2119955-32	EPA-8270C	Pentachlorophenol	A10
2119955-32	EPA-8270C	Phenol	A10
2119955-32	EPA-8270C	2,4,5-Trichlorophenol	A10
2119955-32	EPA-8270C	2,4,6-Trichlorophenol	A10
2119955-32	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2119955-32	EPA-8270C	Phenol-d5 (Surrogate)	A10
2119955-32	EPA-8270C	Phenol-d5 (Surrogate)	S09
2119955-32	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2119955-32	EPA-8270C	Nitrobenzene-d5 (Surrogate)	S09
2119955-32	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2119955-32	EPA-8270C	2-Fluorobiphenyl (Surrogate)	S09
2119955-32	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2119955-32	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2119955-32	EPA-8270C-SIM	Acenaphthene	A10
2119955-32	EPA-8270C-SIM	Acenaphthylene	A10
2119955-32	EPA-8270C-SIM	Anthracene	A10
2119955-32	EPA-8270C-SIM	Benzo[a]anthracene	A10
2119955-32	EPA-8270C-SIM	Benzo[b]fluoranthene	A10
2119955-32	EPA-8270C-SIM	Benzo[k]fluoranthene	A10

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2119955-32	EPA-8270C-SIM	Benzo[a]pyrene	A10
2119955-32	EPA-8270C-SIM	Benzo[g,h,i]perylene	A10
2119955-32	EPA-8270C-SIM	Chrysene	A10
2119955-32	EPA-8270C-SIM	Dibenzo[a,h]anthracene	A10
2119955-32	EPA-8270C-SIM	Fluoranthene	A10
2119955-32	EPA-8270C-SIM	Fluorene	A10
2119955-32	EPA-8270C-SIM	Indeno[1,2,3-cd]pyrene	A10
2119955-32	EPA-8270C-SIM	Naphthalene	A10
2119955-32	EPA-8270C-SIM	Phenanthrene	A10
2119955-32	EPA-8270C-SIM	Pyrene	A10
2119955-32	EPA-8270C-SIM	Nitrobenzene-d5 (Surrogate)	A10
2119955-32	EPA-8270C-SIM	2-Fluorobiphenyl (Surrogate)	A10
2119955-32	EPA-8270C-SIM	p-Terphenyl-d14 (Surrogate)	A10
2119955-32	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	S08
2119955-32	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	Z1
2119955-33	EPA-8015B/FFP	TPH - Diesel (FFP)	A52
2119955-33	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-34	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-34	EPA-8260B	Benzene	S08
2119955-34	EPA-8260B	Benzene	Z1
2119955-34	EPA-8260B	Bromobenzene	S08
2119955-34	EPA-8260B	Bromobenzene	Z1
2119955-34	EPA-8260B	Bromochloromethane	S08
2119955-34	EPA-8260B	Bromochloromethane	Z1
2119955-34	EPA-8260B	Bromodichloromethane	S08
2119955-34	EPA-8260B	Bromodichloromethane	Z1
2119955-34	EPA-8260B	Bromoform	S08
2119955-34	EPA-8260B	Bromoform	Z1
2119955-34	EPA-8260B	Bromomethane	S08
2119955-34	EPA-8260B	Bromomethane	Z1
2119955-34	EPA-8260B	n-Butylbenzene	S08
2119955-34	EPA-8260B	n-Butylbenzene	Z1
2119955-34	EPA-8260B	sec-Butylbenzene	S08
2119955-34	EPA-8260B	sec-Butylbenzene	Z1
2119955-34	EPA-8260B	tert-Butylbenzene	S08
2119955-34	EPA-8260B	tert-Butylbenzene	Z1
2119955-34	EPA-8260B	Carbon tetrachloride	S08
2119955-34	EPA-8260B	Carbon tetrachloride	Z1
2119955-34	EPA-8260B	Chlorobenzene	S08

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2119955-34	EPA-8260B	Chlorobenzene	Z1
2119955-34	EPA-8260B	Chloroethane	S08
2119955-34	EPA-8260B	Chloroethane	Z1
2119955-34	EPA-8260B	Chloroform	S08
2119955-34	EPA-8260B	Chloroform	Z1
2119955-34	EPA-8260B	Chloromethane	S08
2119955-34	EPA-8260B	Chloromethane	Z1
2119955-34	EPA-8260B	2-Chlorotoluene	S08
2119955-34	EPA-8260B	2-Chlorotoluene	Z1
2119955-34	EPA-8260B	4-Chlorotoluene	S08
2119955-34	EPA-8260B	4-Chlorotoluene	Z1
2119955-34	EPA-8260B	Dibromochloromethane	S08
2119955-34	EPA-8260B	Dibromochloromethane	Z1
2119955-34	EPA-8260B	1,2-Dibromo-3-chloropropane	S08
2119955-34	EPA-8260B	1,2-Dibromo-3-chloropropane	Z1
2119955-34	EPA-8260B	1,2-Dibromoethane	S08
2119955-34	EPA-8260B	1,2-Dibromoethane	Z1
2119955-34	EPA-8260B	Dibromomethane	S08
2119955-34	EPA-8260B	Dibromomethane	Z1
2119955-34	EPA-8260B	1,2-Dichlorobenzene	S08
2119955-34	EPA-8260B	1,2-Dichlorobenzene	Z1
2119955-34	EPA-8260B	1,3-Dichlorobenzene	S08
2119955-34	EPA-8260B	1,3-Dichlorobenzene	Z1
2119955-34	EPA-8260B	1,4-Dichlorobenzene	S08
2119955-34	EPA-8260B	1,4-Dichlorobenzene	Z1
2119955-34	EPA-8260B	Dichlorodifluoromethane	S08
2119955-34	EPA-8260B	Dichlorodifluoromethane	Z1
2119955-34	EPA-8260B	1,1-Dichloroethane	S08
2119955-34	EPA-8260B	1,1-Dichloroethane	Z1
2119955-34	EPA-8260B	1,2-Dichloroethane	S08
2119955-34	EPA-8260B	1,2-Dichloroethane	Z1
2119955-34	EPA-8260B	1,1-Dichloroethene	S08
2119955-34	EPA-8260B	1,1-Dichloroethene	Z1
2119955-34	EPA-8260B	cis-1,2-Dichloroethene	S08
2119955-34	EPA-8260B	cis-1,2-Dichloroethene	Z1
2119955-34	EPA-8260B	trans-1,2-Dichloroethene	S08
2119955-34	EPA-8260B	trans-1,2-Dichloroethene	Z1
2119955-34	EPA-8260B	Total 1,2-Dichloroethene	S08
2119955-34	EPA-8260B	Total 1,2-Dichloroethene	Z1

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Sample		Analyte	Flag
2119955-34	EPA-8260B	1,2-Dichloropropane	S08
2119955-34	EPA-8260B	1,2-Dichloropropane	Z1
2119955-34	EPA-8260B	1,3-Dichloropropane	S08
2119955-34	EPA-8260B	1,3-Dichloropropane	Z1
2119955-34	EPA-8260B	2,2-Dichloropropane	S08
2119955-34	EPA-8260B	2,2-Dichloropropane	Z1
2119955-34	EPA-8260B	1,1-Dichloropropene	S08
2119955-34	EPA-8260B	1,1-Dichloropropene	Z1
2119955-34	EPA-8260B	cis-1,3-Dichloropropene	S08
2119955-34	EPA-8260B	cis-1,3-Dichloropropene	Z1
2119955-34	EPA-8260B	trans-1,3-Dichloropropene	S08
2119955-34	EPA-8260B	trans-1,3-Dichloropropene	Z1
2119955-34	EPA-8260B	Total 1,3-Dichloropropene	S08
2119955-34	EPA-8260B	Total 1,3-Dichloropropene	Z1
2119955-34	EPA-8260B	Ethylbenzene	S08
2119955-34	EPA-8260B	Ethylbenzene	Z1
2119955-34	EPA-8260B	Hexachlorobutadiene	S08
2119955-34	EPA-8260B	Hexachlorobutadiene	Z1
2119955-34	EPA-8260B	Isopropylbenzene	S08
2119955-34	EPA-8260B	Isopropylbenzene	Z1
2119955-34	EPA-8260B	p-Isopropyltoluene	S08
2119955-34	EPA-8260B	p-Isopropyltoluene	Z1
2119955-34	EPA-8260B	Methylene chloride	S08
2119955-34	EPA-8260B	Methylene chloride	Z1
2119955-34	EPA-8260B	Methyl t-butyl ether	S08
2119955-34	EPA-8260B	Methyl t-butyl ether	Z1
2119955-34	EPA-8260B	Naphthalene	S08
2119955-34	EPA-8260B	Naphthalene	Z1
2119955-34	EPA-8260B	n-Propylbenzene	S08
2119955-34	EPA-8260B	n-Propylbenzene	Z1
2119955-34	EPA-8260B	Styrene	S08
2119955-34	EPA-8260B	Styrene	Z1
2119955-34	EPA-8260B	1,1,1,2-Tetrachloroethane	S08
2119955-34	EPA-8260B	1,1,1,2-Tetrachloroethane	Z1
2119955-34	EPA-8260B	1,1,2,2-Tetrachloroethane	S08
2119955-34	EPA-8260B	1,1,2,2-Tetrachloroethane	Z1
2119955-34	EPA-8260B	Tetrachloroethene	S08
2119955-34	EPA-8260B	Tetrachloroethene	Z1
2119955-34	EPA-8260B	Toluene	S08

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Sample		Analyte	Flag
2119955-34	EPA-8260B	Toluene	Z1
2119955-34	EPA-8260B	1,2,3-Trichlorobenzene	S08
2119955-34	EPA-8260B	1,2,3-Trichlorobenzene	Z1
2119955-34	EPA-8260B	1,2,4-Trichlorobenzene	S08
2119955-34	EPA-8260B	1,2,4-Trichlorobenzene	Z1
2119955-34	EPA-8260B	1,1,1-Trichloroethane	S08
2119955-34	EPA-8260B	1,1,1-Trichloroethane	Z1
2119955-34	EPA-8260B	1,1,2-Trichloroethane	S08
2119955-34	EPA-8260B	1,1,2-Trichloroethane	Z1
2119955-34	EPA-8260B	Trichloroethene	S08
2119955-34	EPA-8260B	Trichloroethene	Z1
2119955-34	EPA-8260B	Trichlorofluoromethane	S08
2119955-34	EPA-8260B	Trichlorofluoromethane	Z1
2119955-34	EPA-8260B	1,2,3-Trichloropropane	S08
2119955-34	EPA-8260B	1,2,3-Trichloropropane	Z1
2119955-34	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	S08
2119955-34	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Z1
2119955-34	EPA-8260B	1,2,4-Trimethylbenzene	S08
2119955-34	EPA-8260B	1,2,4-Trimethylbenzene	Z1
2119955-34	EPA-8260B	1,3,5-Trimethylbenzene	S08
2119955-34	EPA-8260B	1,3,5-Trimethylbenzene	Z1
2119955-34	EPA-8260B	Vinyl chloride	S08
2119955-34	EPA-8260B	Vinyl chloride	Z1
2119955-34	EPA-8260B	Total Xylenes	S08
2119955-34	EPA-8260B	Total Xylenes	Z1
2119955-34	EPA-8260B	Total Trihalomethanes	S08
2119955-34	EPA-8260B	Total Trihalomethanes	Z1
2119955-34	EPA-8260B	p- & m-Xylenes	S08
2119955-34	EPA-8260B	p- & m-Xylenes	Z1
2119955-34	EPA-8260B	o-Xylene	S08
2119955-34	EPA-8260B	o-Xylene	Z1
2119955-34	EPA-8260B	1,2-Dichloroethane-d4 (Surrogate)	S09
2119955-34	EPA-8260B	Toluene-d8 (Surrogate)	A20
2119955-34	EPA-8260B	Toluene-d8 (Surrogate)	S09
2119955-34	EPA-8260B	4-Bromofluorobenzene (Surrogate)	A20
2119955-34	EPA-8260B	4-Bromofluorobenzene (Surrogate)	S09
2119955-34	EPA-8270C	Acenaphthene	A10
2119955-34	EPA-8270C	Acenaphthylene	A10
2119955-34	EPA-8270C	Aldrin	A10

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2119955-34	EPA-8270C	Aniline	A10
2119955-34	EPA-8270C	Anthracene	A10
2119955-34	EPA-8270C	Benzidine	A10
2119955-34	EPA-8270C	Benzo[a]anthracene	A10
2119955-34	EPA-8270C	Benzo[b]fluoranthene	A10
2119955-34	EPA-8270C	Benzo[k]fluoranthene	A10
2119955-34	EPA-8270C	Benzo[a]pyrene	A10
2119955-34	EPA-8270C	Benzo[g,h,i]perylene	A10
2119955-34	EPA-8270C	Benzoic acid	A10
2119955-34	EPA-8270C	Benzyl alcohol	A10
2119955-34	EPA-8270C	Benzyl butyl phthalate	A10
2119955-34	EPA-8270C	alpha-BHC	A10
2119955-34	EPA-8270C	beta-BHC	A10
2119955-34	EPA-8270C	delta-BHC	A10
2119955-34	EPA-8270C	gamma-BHC (Lindane)	A10
2119955-34	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2119955-34	EPA-8270C	bis(2-Chloroethyl) ether	A10
2119955-34	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2119955-34	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2119955-34	EPA-8270C	4-Bromophenyl phenyl ether	A10
2119955-34	EPA-8270C	4-Chloroaniline	A10
2119955-34	EPA-8270C	2-Chloronaphthalene	A10
2119955-34	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2119955-34	EPA-8270C	Chrysene	A10
2119955-34	EPA-8270C	4,4'-DDD	A10
2119955-34	EPA-8270C	4,4'-DDE	A10
2119955-34	EPA-8270C	4,4'-DDT	A10
2119955-34	EPA-8270C	Dibenzo[a,h]anthracene	A10
2119955-34	EPA-8270C	Dibenzofuran	A10
2119955-34	EPA-8270C	1,2-Dichlorobenzene	A10
2119955-34	EPA-8270C	1,3-Dichlorobenzene	A10
2119955-34	EPA-8270C	1,4-Dichlorobenzene	A10
2119955-34	EPA-8270C	3,3-Dichlorobenzidine	A10
2119955-34	EPA-8270C	Dieldrin	A10
2119955-34	EPA-8270C	Diethyl phthalate	A10
2119955-34	EPA-8270C	Dimethyl phthalate	A10
2119955-34	EPA-8270C	Di-n-butyl phthalate	A10
2119955-34	EPA-8270C	2,4-Dinitrotoluene	A10
2119955-34	EPA-8270C	2,6-Dinitrotoluene	A10

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2119955-34	EPA-8270C	Di-n-octyl phthalate	A10
2119955-34	EPA-8270C	1,2-Diphenylhydrazine	A10
2119955-34	EPA-8270C	Endosulfan I	A10
2119955-34	EPA-8270C	Endosulfan II	A10
2119955-34	EPA-8270C	Endosulfan sulfate	A10
2119955-34	EPA-8270C	Endrin	A10
2119955-34	EPA-8270C	Endrin aldehyde	A10
2119955-34	EPA-8270C	Fluoranthene	A10
2119955-34	EPA-8270C	Fluorene	A10
2119955-34	EPA-8270C	Heptachlor	A10
2119955-34	EPA-8270C	Heptachlor epoxide	A10
2119955-34	EPA-8270C	Hexachlorobenzene	A10
2119955-34	EPA-8270C	Hexachlorobutadiene	A10
2119955-34	EPA-8270C	Hexachlorocyclopentadiene	A10
2119955-34	EPA-8270C	Hexachloroethane	A10
2119955-34	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2119955-34	EPA-8270C	Isophorone	A10
2119955-34	EPA-8270C	2-Methylnaphthalene	A10
2119955-34	EPA-8270C	Naphthalene	A10
2119955-34	EPA-8270C	2-Naphthylamine	A10
2119955-34	EPA-8270C	2-Nitroaniline	A10
2119955-34	EPA-8270C	3-Nitroaniline	A10
2119955-34	EPA-8270C	4-Nitroaniline	A10
2119955-34	EPA-8270C	Nitrobenzene	A10
2119955-34	EPA-8270C	N-Nitrosodimethylamine	A10
2119955-34	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2119955-34	EPA-8270C	N-Nitrosodiphenylamine	A10
2119955-34	EPA-8270C	Phenanthrene	A10
2119955-34	EPA-8270C	Pyrene	A10
2119955-34	EPA-8270C	1,2,4-Trichlorobenzene	A10
2119955-34	EPA-8270C	4-Chloro-3-methylphenol	A10
2119955-34	EPA-8270C	2-Chlorophenol	A10
2119955-34	EPA-8270C	2,4-Dichlorophenol	A10
2119955-34	EPA-8270C	2,4-Dimethylphenol	A10
2119955-34	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2119955-34	EPA-8270C	2,4-Dinitrophenol	A10
2119955-34	EPA-8270C	2-Methylphenol	A10
2119955-34	EPA-8270C	3- & 4-Methylphenol	A10
2119955-34	EPA-8270C	2-Nitrophenol	A10

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Project Manager: James R. Steele

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Sample Qualifier Summary

Sample		Analyte	Flag
2119955-34	EPA-8270C	4-Nitrophenol	A10
2119955-34	EPA-8270C	Pentachlorophenol	A10
2119955-34	EPA-8270C	Phenol	A10
2119955-34	EPA-8270C	2,4,5-Trichlorophenol	A10
2119955-34	EPA-8270C	2,4,6-Trichlorophenol	A10
2119955-34	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2119955-34	EPA-8270C	Phenol-d5 (Surrogate)	A10
2119955-34	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2119955-34	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2119955-34	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2119955-34	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2119955-34	EPA-8270C-SIM	Acenaphthene	A10
2119955-34	EPA-8270C-SIM	Acenaphthylene	A10
2119955-34	EPA-8270C-SIM	Anthracene	A10
2119955-34	EPA-8270C-SIM	Benzo[a]anthracene	A10
2119955-34	EPA-8270C-SIM	Benzo[b]fluoranthene	A10
2119955-34	EPA-8270C-SIM	Benzo[k]fluoranthene	A10
2119955-34	EPA-8270C-SIM	Benzo[a]pyrene	A10
2119955-34	EPA-8270C-SIM	Benzo[g,h,i]perylene	A10
2119955-34	EPA-8270C-SIM	Chrysene	A10
2119955-34	EPA-8270C-SIM	Dibenzo[a,h]anthracene	A10
2119955-34	EPA-8270C-SIM	Fluoranthene	A10
2119955-34	EPA-8270C-SIM	Fluorene	A10
2119955-34	EPA-8270C-SIM	Indeno[1,2,3-cd]pyrene	A10
2119955-34	EPA-8270C-SIM	Naphthalene	A10
2119955-34	EPA-8270C-SIM	Phenanthrene	A10
2119955-34	EPA-8270C-SIM	Pyrene	A10
2119955-34	EPA-8270C-SIM	Nitrobenzene-d5 (Surrogate)	A10
2119955-34	EPA-8270C-SIM	2-Fluorobiphenyl (Surrogate)	A10
2119955-34	EPA-8270C-SIM	p-Terphenyl-d14 (Surrogate)	A10
2119955-34	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	S08
2119955-34	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	Z1
2119955-35	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-35	EPA-8260B	Benzene	S08
2119955-35	EPA-8260B	Benzene	Z1
2119955-35	EPA-8260B	Bromobenzene	S08
2119955-35	EPA-8260B	Bromobenzene	Z1
2119955-35	EPA-8260B	Bromochloromethane	S08
2119955-35	EPA-8260B	Bromochloromethane	Z1

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2119955-35	EPA-8260B	Bromodichloromethane	S08
2119955-35	EPA-8260B	Bromodichloromethane	Z1
2119955-35	EPA-8260B	Bromoform	S08
2119955-35	EPA-8260B	Bromoform	Z1
2119955-35	EPA-8260B	Bromomethane	S08
2119955-35	EPA-8260B	Bromomethane	Z1
2119955-35	EPA-8260B	n-Butylbenzene	S08
2119955-35	EPA-8260B	n-Butylbenzene	Z1
2119955-35	EPA-8260B	sec-Butylbenzene	S08
2119955-35	EPA-8260B	sec-Butylbenzene	Z1
2119955-35	EPA-8260B	tert-Butylbenzene	S08
2119955-35	EPA-8260B	tert-Butylbenzene	Z1
2119955-35	EPA-8260B	Carbon tetrachloride	S08
2119955-35	EPA-8260B	Carbon tetrachloride	Z1
2119955-35	EPA-8260B	Chlorobenzene	S08
2119955-35	EPA-8260B	Chlorobenzene	Z1
2119955-35	EPA-8260B	Chloroethane	S08
2119955-35	EPA-8260B	Chloroethane	Z1
2119955-35	EPA-8260B	Chloroform	S08
2119955-35	EPA-8260B	Chloroform	Z1
2119955-35	EPA-8260B	Chloromethane	S08
2119955-35	EPA-8260B	Chloromethane	Z1
2119955-35	EPA-8260B	2-Chlorotoluene	S08
2119955-35	EPA-8260B	2-Chlorotoluene	Z1
2119955-35	EPA-8260B	4-Chlorotoluene	S08
2119955-35	EPA-8260B	4-Chlorotoluene	Z1
2119955-35	EPA-8260B	Dibromochloromethane	S08
2119955-35	EPA-8260B	Dibromochloromethane	Z1
2119955-35	EPA-8260B	1,2-Dibromo-3-chloropropane	S08
2119955-35	EPA-8260B	1,2-Dibromo-3-chloropropane	Z1
2119955-35	EPA-8260B	1,2-Dibromoethane	S08
2119955-35	EPA-8260B	1,2-Dibromoethane	Z1
2119955-35	EPA-8260B	Dibromomethane	S08
2119955-35	EPA-8260B	Dibromomethane	Z1
2119955-35	EPA-8260B	1,2-Dichlorobenzene	S08
2119955-35	EPA-8260B	1,2-Dichlorobenzene	Z1
2119955-35	EPA-8260B	1,3-Dichlorobenzene	S08
2119955-35	EPA-8260B	1,3-Dichlorobenzene	Z1
2119955-35	EPA-8260B	1,4-Dichlorobenzene	S08

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2119955-35	EPA-8260B	1,4-Dichlorobenzene	Z1
2119955-35	EPA-8260B	Dichlorodifluoromethane	S08
2119955-35	EPA-8260B	Dichlorodifluoromethane	Z1
2119955-35	EPA-8260B	1,1-Dichloroethane	S08
2119955-35	EPA-8260B	1,1-Dichloroethane	Z1
2119955-35	EPA-8260B	1,2-Dichloroethane	S08
2119955-35	EPA-8260B	1,2-Dichloroethane	Z1
2119955-35	EPA-8260B	1,1-Dichloroethene	S08
2119955-35	EPA-8260B	1,1-Dichloroethene	Z1
2119955-35	EPA-8260B	cis-1,2-Dichloroethene	S08
2119955-35	EPA-8260B	cis-1,2-Dichloroethene	Z1
2119955-35	EPA-8260B	trans-1,2-Dichloroethene	S08
2119955-35	EPA-8260B	trans-1,2-Dichloroethene	Z1
2119955-35	EPA-8260B	Total 1,2-Dichloroethene	S08
2119955-35	EPA-8260B	Total 1,2-Dichloroethene	Z1
2119955-35	EPA-8260B	1,2-Dichloropropane	S08
2119955-35	EPA-8260B	1,2-Dichloropropane	Z1
2119955-35	EPA-8260B	1,3-Dichloropropane	S08
2119955-35	EPA-8260B	1,3-Dichloropropane	Z1
2119955-35	EPA-8260B	2,2-Dichloropropane	S08
2119955-35	EPA-8260B	2,2-Dichloropropane	Z1
2119955-35	EPA-8260B	1,1-Dichloropropene	S08
2119955-35	EPA-8260B	1,1-Dichloropropene	Z1
2119955-35	EPA-8260B	cis-1,3-Dichloropropene	S08
2119955-35	EPA-8260B	cis-1,3-Dichloropropene	Z1
2119955-35	EPA-8260B	trans-1,3-Dichloropropene	S08
2119955-35	EPA-8260B	trans-1,3-Dichloropropene	Z1
2119955-35	EPA-8260B	Total 1,3-Dichloropropene	S08
2119955-35	EPA-8260B	Total 1,3-Dichloropropene	Z1
2119955-35	EPA-8260B	Ethylbenzene	S08
2119955-35	EPA-8260B	Ethylbenzene	Z1
2119955-35	EPA-8260B	Hexachlorobutadiene	S08
2119955-35	EPA-8260B	Hexachlorobutadiene	Z1
2119955-35	EPA-8260B	Isopropylbenzene	S08
2119955-35	EPA-8260B	Isopropylbenzene	Z1
2119955-35	EPA-8260B	p-Isopropyltoluene	S08
2119955-35	EPA-8260B	p-Isopropyltoluene	Z1
2119955-35	EPA-8260B	Methylene chloride	S08
2119955-35	EPA-8260B	Methylene chloride	Z1

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Sample		Analyte	Flag
2119955-35	EPA-8260B	Methyl t-butyl ether	S08
2119955-35	EPA-8260B	Methyl t-butyl ether	Z1
2119955-35	EPA-8260B	Naphthalene	S08
2119955-35	EPA-8260B	Naphthalene	Z1
2119955-35	EPA-8260B	n-Propylbenzene	S08
2119955-35	EPA-8260B	n-Propylbenzene	Z1
2119955-35	EPA-8260B	Styrene	S08
2119955-35	EPA-8260B	Styrene	Z1
2119955-35	EPA-8260B	1,1,1,2-Tetrachloroethane	S08
2119955-35	EPA-8260B	1,1,1,2-Tetrachloroethane	Z1
2119955-35	EPA-8260B	1,1,2,2-Tetrachloroethane	S08
2119955-35	EPA-8260B	1,1,2,2-Tetrachloroethane	Z1
2119955-35	EPA-8260B	Tetrachloroethene	S08
2119955-35	EPA-8260B	Tetrachloroethene	Z1
2119955-35	EPA-8260B	Toluene	S08
2119955-35	EPA-8260B	Toluene	Z1
2119955-35	EPA-8260B	1,2,3-Trichlorobenzene	S08
2119955-35	EPA-8260B	1,2,3-Trichlorobenzene	Z1
2119955-35	EPA-8260B	1,2,4-Trichlorobenzene	S08
2119955-35	EPA-8260B	1,2,4-Trichlorobenzene	Z1
2119955-35	EPA-8260B	1,1,1-Trichloroethane	S08
2119955-35	EPA-8260B	1,1,1-Trichloroethane	Z1
2119955-35	EPA-8260B	1,1,2-Trichloroethane	S08
2119955-35	EPA-8260B	1,1,2-Trichloroethane	Z1
2119955-35	EPA-8260B	Trichloroethene	S08
2119955-35	EPA-8260B	Trichloroethene	Z1
2119955-35	EPA-8260B	Trichlorofluoromethane	S08
2119955-35	EPA-8260B	Trichlorofluoromethane	Z1
2119955-35	EPA-8260B	1,2,3-Trichloropropane	S08
2119955-35	EPA-8260B	1,2,3-Trichloropropane	Z1
2119955-35	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	S08
2119955-35	EPA-8260B	1,1,2-Trichloro-1,2,2-trifluoroethane	Z1
2119955-35	EPA-8260B	1,2,4-Trimethylbenzene	S08
2119955-35	EPA-8260B	1,2,4-Trimethylbenzene	Z1
2119955-35	EPA-8260B	1,3,5-Trimethylbenzene	S08
2119955-35	EPA-8260B	1,3,5-Trimethylbenzene	Z1
2119955-35	EPA-8260B	Vinyl chloride	S08
2119955-35	EPA-8260B	Vinyl chloride	Z1
2119955-35	EPA-8260B	Total Xylenes	S08

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Sample		Analyte	Flag
2119955-35	EPA-8260B	Total Xylenes	Z1
2119955-35	EPA-8260B	Total Trihalomethanes	S08
2119955-35	EPA-8260B	Total Trihalomethanes	Z1
2119955-35	EPA-8260B	p- & m-Xylenes	S08
2119955-35	EPA-8260B	p- & m-Xylenes	Z1
2119955-35	EPA-8260B	o-Xylene	S08
2119955-35	EPA-8260B	o-Xylene	Z1
2119955-35	EPA-8260B	Toluene-d8 (Surrogate)	A20
2119955-35	EPA-8260B	Toluene-d8 (Surrogate)	S09
2119955-35	EPA-8260B	4-Bromofluorobenzene (Surrogate)	A20
2119955-35	EPA-8260B	4-Bromofluorobenzene (Surrogate)	S09
2119955-35	EPA-8270C	Acenaphthene	A10
2119955-35	EPA-8270C	Acenaphthylene	A10
2119955-35	EPA-8270C	Aldrin	A10
2119955-35	EPA-8270C	Aniline	A10
2119955-35	EPA-8270C	Anthracene	A10
2119955-35	EPA-8270C	Benzidine	A10
2119955-35	EPA-8270C	Benzo[a]anthracene	A10
2119955-35	EPA-8270C	Benzo[b]fluoranthene	A10
2119955-35	EPA-8270C	Benzo[k]fluoranthene	A10
2119955-35	EPA-8270C	Benzo[a]pyrene	A10
2119955-35	EPA-8270C	Benzo[g,h,i]perylene	A10
2119955-35	EPA-8270C	Benzoic acid	A10
2119955-35	EPA-8270C	Benzyl alcohol	A10
2119955-35	EPA-8270C	Benzyl butyl phthalate	A10
2119955-35	EPA-8270C	alpha-BHC	A10
2119955-35	EPA-8270C	beta-BHC	A10
2119955-35	EPA-8270C	delta-BHC	A10
2119955-35	EPA-8270C	gamma-BHC (Lindane)	A10
2119955-35	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2119955-35	EPA-8270C	bis(2-Chloroethyl) ether	A10
2119955-35	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2119955-35	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2119955-35	EPA-8270C	4-Bromophenyl phenyl ether	A10
2119955-35	EPA-8270C	4-Chloroaniline	A10
2119955-35	EPA-8270C	2-Chloronaphthalene	A10
2119955-35	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2119955-35	EPA-8270C	Chrysene	A10
2119955-35	EPA-8270C	4,4'-DDD	A10

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2119955-35	EPA-8270C	4,4'-DDE	A10
2119955-35	EPA-8270C	4,4'-DDT	A10
2119955-35	EPA-8270C	Dibenzo[a,h]anthracene	A10
2119955-35	EPA-8270C	Dibenzofuran	A10
2119955-35	EPA-8270C	1,2-Dichlorobenzene	A10
2119955-35	EPA-8270C	1,3-Dichlorobenzene	A10
2119955-35	EPA-8270C	1,4-Dichlorobenzene	A10
2119955-35	EPA-8270C	3,3-Dichlorobenzidine	A10
2119955-35	EPA-8270C	Dieldrin	A10
2119955-35	EPA-8270C	Diethyl phthalate	A10
2119955-35	EPA-8270C	Dimethyl phthalate	A10
2119955-35	EPA-8270C	Di-n-butyl phthalate	A10
2119955-35	EPA-8270C	2,4-Dinitrotoluene	A10
2119955-35	EPA-8270C	2,6-Dinitrotoluene	A10
2119955-35	EPA-8270C	Di-n-octyl phthalate	A10
2119955-35	EPA-8270C	1,2-Diphenylhydrazine	A10
2119955-35	EPA-8270C	Endosulfan I	A10
2119955-35	EPA-8270C	Endosulfan II	A10
2119955-35	EPA-8270C	Endosulfan sulfate	A10
2119955-35	EPA-8270C	Endrin	A10
2119955-35	EPA-8270C	Endrin aldehyde	A10
2119955-35	EPA-8270C	Fluoranthene	A10
2119955-35	EPA-8270C	Fluorene	A10
2119955-35	EPA-8270C	Heptachlor	A10
2119955-35	EPA-8270C	Heptachlor epoxide	A10
2119955-35	EPA-8270C	Hexachlorobenzene	A10
2119955-35	EPA-8270C	Hexachlorobutadiene	A10
2119955-35	EPA-8270C	Hexachlorocyclopentadiene	A10
2119955-35	EPA-8270C	Hexachloroethane	A10
2119955-35	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2119955-35	EPA-8270C	Isophorone	A10
2119955-35	EPA-8270C	2-Methylnaphthalene	A10
2119955-35	EPA-8270C	Naphthalene	A10
2119955-35	EPA-8270C	2-Naphthylamine	A10
2119955-35	EPA-8270C	2-Nitroaniline	A10
2119955-35	EPA-8270C	3-Nitroaniline	A10
2119955-35	EPA-8270C	4-Nitroaniline	A10
2119955-35	EPA-8270C	Nitrobenzene	A10
2119955-35	EPA-8270C	N-Nitrosodimethylamine	A10

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2119955-35	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2119955-35	EPA-8270C	N-Nitrosodiphenylamine	A10
2119955-35	EPA-8270C	Phenanthrene	A10
2119955-35	EPA-8270C	Pyrene	A10
2119955-35	EPA-8270C	1,2,4-Trichlorobenzene	A10
2119955-35	EPA-8270C	4-Chloro-3-methylphenol	A10
2119955-35	EPA-8270C	2-Chlorophenol	A10
2119955-35	EPA-8270C	2,4-Dichlorophenol	A10
2119955-35	EPA-8270C	2,4-Dimethylphenol	A10
2119955-35	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2119955-35	EPA-8270C	2,4-Dinitrophenol	A10
2119955-35	EPA-8270C	2-Methylphenol	A10
2119955-35	EPA-8270C	3- & 4-Methylphenol	A10
2119955-35	EPA-8270C	2-Nitrophenol	A10
2119955-35	EPA-8270C	4-Nitrophenol	A10
2119955-35	EPA-8270C	Pentachlorophenol	A10
2119955-35	EPA-8270C	Phenol	A10
2119955-35	EPA-8270C	2,4,5-Trichlorophenol	A10
2119955-35	EPA-8270C	2,4,6-Trichlorophenol	A10
2119955-35	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2119955-35	EPA-8270C	Phenol-d5 (Surrogate)	A10
2119955-35	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2119955-35	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2119955-35	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2119955-35	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10
2119955-35	EPA-8270C-SIM	Acenaphthene	A10
2119955-35	EPA-8270C-SIM	Acenaphthylene	A10
2119955-35	EPA-8270C-SIM	Anthracene	A10
2119955-35	EPA-8270C-SIM	Benzo[a]anthracene	A10
2119955-35	EPA-8270C-SIM	Benzo[b]fluoranthene	A10
2119955-35	EPA-8270C-SIM	Benzo[k]fluoranthene	A10
2119955-35	EPA-8270C-SIM	Benzo[a]pyrene	A10
2119955-35	EPA-8270C-SIM	Benzo[g,h,i]perylene	A10
2119955-35	EPA-8270C-SIM	Chrysene	A10
2119955-35	EPA-8270C-SIM	Dibenzo[a,h]anthracene	A10
2119955-35	EPA-8270C-SIM	Fluoranthene	A10
2119955-35	EPA-8270C-SIM	Fluorene	A10
2119955-35	EPA-8270C-SIM	Indeno[1,2,3-cd]pyrene	A10
2119955-35	EPA-8270C-SIM	Naphthalene	A10

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Case Narrative

Sample Qualifier Summary

Sample		Analyte	Flag
2119955-35	EPA-8270C-SIM	Phenanthrene	A10
2119955-35	EPA-8270C-SIM	Pyrene	A10
2119955-35	EPA-8270C-SIM	Nitrobenzene-d5 (Surrogate)	A10
2119955-35	EPA-8270C-SIM	2-Fluorobiphenyl (Surrogate)	A10
2119955-35	EPA-8270C-SIM	p-Terphenyl-d14 (Surrogate)	A10
2119955-35	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	S08
2119955-35	Luft-GC/MS	Total Purgeable Petroleum Hydrocarbons	Z1
2119955-40	EPA-8015B/FFP	TPH - Diesel (FFP)	A52
2119955-40	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-41	EPA-8082	PCB-1016	A10
2119955-41	EPA-8082	PCB-1221	A10
2119955-41	EPA-8082	PCB-1232	A10
2119955-41	EPA-8082	PCB-1242	A10
2119955-41	EPA-8082	PCB-1248	A10
2119955-41	EPA-8082	PCB-1254	A10
2119955-41	EPA-8082	PCB-1260	A10
2119955-41	EPA-8082	Total PCB's (Summation)	A10
2119955-41	EPA-8082	Decachlorobiphenyl (Surrogate)	A10
2119955-41	EPA-8082	Decachlorobiphenyl (Surrogate)	A20
2119955-42	EPA-8015B/FFP	TPH - Diesel (FFP)	A52
2119955-42	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57
2119955-42	EPA-8260B	Toluene-d8 (Surrogate)	A20
2119955-42	EPA-8260B	Toluene-d8 (Surrogate)	S09
2119955-42	EPA-8260B	4-Bromofluorobenzene (Surrogate)	A20
2119955-42	EPA-8260B	4-Bromofluorobenzene (Surrogate)	S09
2119955-42	EPA-8270C	Acenaphthene	A10
2119955-42	EPA-8270C	Acenaphthylene	A10
2119955-42	EPA-8270C	Aldrin	A10
2119955-42	EPA-8270C	Aniline	A10
2119955-42	EPA-8270C	Anthracene	A10
2119955-42	EPA-8270C	Benzidine	A10
2119955-42	EPA-8270C	Benzo[a]anthracene	A10
2119955-42	EPA-8270C	Benzo[b]fluoranthene	A10
2119955-42	EPA-8270C	Benzo[k]fluoranthene	A10
2119955-42	EPA-8270C	Benzo[a]pyrene	A10
2119955-42	EPA-8270C	Benzo[g,h,i]perylene	A10
2119955-42	EPA-8270C	Benzoic acid	A10
2119955-42	EPA-8270C	Benzyl alcohol	A10
2119955-42	EPA-8270C	Benzyl butyl phthalate	A10

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Case Narrative

Sample Qualifier Summary

Sample		Analyte	Flag
2119955-42	EPA-8270C	alpha-BHC	A10
2119955-42	EPA-8270C	beta-BHC	A10
2119955-42	EPA-8270C	delta-BHC	A10
2119955-42	EPA-8270C	gamma-BHC (Lindane)	A10
2119955-42	EPA-8270C	bis(2-Chloroethoxy)methane	A10
2119955-42	EPA-8270C	bis(2-Chloroethyl) ether	A10
2119955-42	EPA-8270C	bis(2-Chloroisopropyl)ether	A10
2119955-42	EPA-8270C	bis(2-Ethylhexyl)phthalate	A10
2119955-42	EPA-8270C	4-Bromophenyl phenyl ether	A10
2119955-42	EPA-8270C	4-Chloroaniline	A10
2119955-42	EPA-8270C	2-Chloronaphthalene	A10
2119955-42	EPA-8270C	4-Chlorophenyl phenyl ether	A10
2119955-42	EPA-8270C	Chrysene	A10
2119955-42	EPA-8270C	4,4'-DDD	A10
2119955-42	EPA-8270C	4,4'-DDE	A10
2119955-42	EPA-8270C	4,4'-DDT	A10
2119955-42	EPA-8270C	Dibenzo[a,h]anthracene	A10
2119955-42	EPA-8270C	Dibenzofuran	A10
2119955-42	EPA-8270C	1,2-Dichlorobenzene	A10
2119955-42	EPA-8270C	1,3-Dichlorobenzene	A10
2119955-42	EPA-8270C	1,4-Dichlorobenzene	A10
2119955-42	EPA-8270C	3,3-Dichlorobenzidine	A10
2119955-42	EPA-8270C	Dieldrin	A10
2119955-42	EPA-8270C	Diethyl phthalate	A10
2119955-42	EPA-8270C	Dimethyl phthalate	A10
2119955-42	EPA-8270C	Di-n-butyl phthalate	A10
2119955-42	EPA-8270C	2,4-Dinitrotoluene	A10
2119955-42	EPA-8270C	2,6-Dinitrotoluene	A10
2119955-42	EPA-8270C	Di-n-octyl phthalate	A10
2119955-42	EPA-8270C	1,2-Diphenylhydrazine	A10
2119955-42	EPA-8270C	Endosulfan I	A10
2119955-42	EPA-8270C	Endosulfan II	A10
2119955-42	EPA-8270C	Endosulfan sulfate	A10
2119955-42	EPA-8270C	Endrin	A10
2119955-42	EPA-8270C	Endrin aldehyde	A10
2119955-42	EPA-8270C	Fluoranthene	A10
2119955-42	EPA-8270C	Fluorene	A10
2119955-42	EPA-8270C	Heptachlor	A10
2119955-42	EPA-8270C	Heptachlor epoxide	A10

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Case Narrative

Sample Qualifier Summary

Sample		Analyte	Flag
2119955-42	EPA-8270C	Hexachlorobenzene	A10
2119955-42	EPA-8270C	Hexachlorobutadiene	A10
2119955-42	EPA-8270C	Hexachlorocyclopentadiene	A10
2119955-42	EPA-8270C	Hexachloroethane	A10
2119955-42	EPA-8270C	Indeno[1,2,3-cd]pyrene	A10
2119955-42	EPA-8270C	Isophorone	A10
2119955-42	EPA-8270C	2-Methylnaphthalene	A10
2119955-42	EPA-8270C	Naphthalene	A10
2119955-42	EPA-8270C	2-Naphthylamine	A10
2119955-42	EPA-8270C	2-Nitroaniline	A10
2119955-42	EPA-8270C	3-Nitroaniline	A10
2119955-42	EPA-8270C	4-Nitroaniline	A10
2119955-42	EPA-8270C	Nitrobenzene	A10
2119955-42	EPA-8270C	N-Nitrosodimethylamine	A10
2119955-42	EPA-8270C	N-Nitrosodi-N-propylamine	A10
2119955-42	EPA-8270C	N-Nitrosodiphenylamine	A10
2119955-42	EPA-8270C	Phenanthrene	A10
2119955-42	EPA-8270C	Pyrene	A10
2119955-42	EPA-8270C	1,2,4-Trichlorobenzene	A10
2119955-42	EPA-8270C	4-Chloro-3-methylphenol	A10
2119955-42	EPA-8270C	2-Chlorophenol	A10
2119955-42	EPA-8270C	2,4-Dichlorophenol	A10
2119955-42	EPA-8270C	2,4-Dimethylphenol	A10
2119955-42	EPA-8270C	4,6-Dinitro-2-methylphenol	A10
2119955-42	EPA-8270C	2,4-Dinitrophenol	A10
2119955-42	EPA-8270C	2-Methylphenol	A10
2119955-42	EPA-8270C	3- & 4-Methylphenol	A10
2119955-42	EPA-8270C	2-Nitrophenol	A10
2119955-42	EPA-8270C	4-Nitrophenol	A10
2119955-42	EPA-8270C	Pentachlorophenol	A10
2119955-42	EPA-8270C	Phenol	A10
2119955-42	EPA-8270C	2,4,5-Trichlorophenol	A10
2119955-42	EPA-8270C	2,4,6-Trichlorophenol	A10
2119955-42	EPA-8270C	2-Fluorophenol (Surrogate)	A10
2119955-42	EPA-8270C	Phenol-d5 (Surrogate)	A10
2119955-42	EPA-8270C	Nitrobenzene-d5 (Surrogate)	A10
2119955-42	EPA-8270C	2-Fluorobiphenyl (Surrogate)	A10
2119955-42	EPA-8270C	2,4,6-Tribromophenol (Surrogate)	A10
2119955-42	EPA-8270C	p-Terphenyl-d14 (Surrogate)	A10

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Project Number: 19305
Project Manager: James R. Steele

Case Narrative

Sample Qualifier Summary

Sample		Analyte	Flag
2119955-42	EPA-8270C-SIM	Acenaphthene	A10
2119955-42	EPA-8270C-SIM	Acenaphthylene	A10
2119955-42	EPA-8270C-SIM	Anthracene	A10
2119955-42	EPA-8270C-SIM	Benzo[a]anthracene	A10
2119955-42	EPA-8270C-SIM	Benzo[b]fluoranthene	A10
2119955-42	EPA-8270C-SIM	Benzo[k]fluoranthene	A10
2119955-42	EPA-8270C-SIM	Benzo[a]pyrene	A10
2119955-42	EPA-8270C-SIM	Benzo[g,h,i]perylene	A10
2119955-42	EPA-8270C-SIM	Chrysene	A10
2119955-42	EPA-8270C-SIM	Dibenzo[a,h]anthracene	A10
2119955-42	EPA-8270C-SIM	Fluoranthene	A10
2119955-42	EPA-8270C-SIM	Fluorene	A10
2119955-42	EPA-8270C-SIM	Indeno[1,2,3-cd]pyrene	A10
2119955-42	EPA-8270C-SIM	Naphthalene	A10
2119955-42	EPA-8270C-SIM	Phenanthrene	A10
2119955-42	EPA-8270C-SIM	Pyrene	A10
2119955-42	EPA-8270C-SIM	Nitrobenzene-d5 (Surrogate)	A10
2119955-42	EPA-8270C-SIM	2-Fluorobiphenyl (Surrogate)	A10
2119955-42	EPA-8270C-SIM	p-Terphenyl-d14 (Surrogate)	A10
2119955-43	EPA-8015B/FFP	TPH - Diesel (FFP)	A52
2119955-43	EPA-8015B/FFP	TPH - Hydraulic Oil / Motor Oil	A57

Holding Times

All holding time requirements were met.

Method Blanks

B113490-BLK1	EPA-6010B (TTLC)	Chromium	0.22199 mg/kg
B113490-BLK1	EPA-6010B (TTLC)	Nickel	0.16778 mg/kg

Matrix Spikes

B112833-MS1	EPA-8260B	1,4-Dichlorobenzene	Q03
B112833-MSD1	EPA-8260B	1,4-Dichlorobenzene	Q03
B113490-DUP1	EPA-6010B (TTLC)	Arsenic	A02
B113490-DUP1	EPA-6010B (TTLC)	Beryllium	A02
B113490-DUP1	EPA-6010B (TTLC)	Chromium	Q01
B113490-DUP1	EPA-6010B (TTLC)	Nickel	Q01
B113490-MS1	EPA-6010B (TTLC)	Chromium	Q03
B113490-MS1	EPA-6010B (TTLC)	Nickel	Q03
B113490-MSD1	EPA-6010B (TTLC)	Chromium	Q03
B113490-MSD1	EPA-6010B (TTLC)	Nickel	Q03

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Case Narrative

Sample		Analyte	Flag
LCS			
B113100-BS1	EPA-8081A	Endrin	L01

Discussion

Summary of Flags

A02	The difference between duplicate readings is less than the quantitation limit.
A10	Detection and quantitation limits were raised due to matrix interference.
A19	Surrogate is high due to matrix interference. Interferences verified through second extraction/analysis.
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
A52	Chromatogram not typical of diesel.
A57	Chromatogram not typical of motor oil.
L01	The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
Q01	Sample precision is not within the control limits.
Q03	Matrix spike recovery(s) was(were) not within the control limits.
S08	The internal standard on the sample was not within the control limits.
S09	The surrogate recovery for this compound was not within the control limits.
Z1	Sample was analysed twice and both times internal standard and surrogates were low.

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Chain of Custody and Cooler Receipt Form for 2119955 Page 1 of 4

TETRA TECH
5383 Hollister Avenue, Suite 150
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

COC ID: SDG: 21-19955 TURNAROUND TIME: Standard PAGE: 1 of 4

CLIENT/PROJECT INFORMATION
Client: Rio School District
Project Name: Rio School District Rose Avenue Facility South Parcel Phase II ESA
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number:

SAMPLERS
Sampler's Name: Paige Spencer
Sampler's Signature:
Sampler 2: Jason Dane

LABORATORY
Lab Name: BC Laboratories, Inc.
Lab Contact: Allen Repedo
Email: allen.repedo@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number:
PO Number:

SPECIAL INSTRUCTIONS/COMMENTS
CHK BY FJA
DISTRIBUTION SUB OUT ☐

SAMPLE DETAILS

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Composite)	Number of Containers
SS-1 -7	6/18/2021	0900	S	D, C	1
SS-2 -6	6/18/2021	0920	S	D, C	1
SS-3 -9	6/18/2021	0928	S	D, C	1
SS-4 -10	6/18/2021	0945	S	D, C	1
SS-5 -11	6/18/2021	1110	S	D, C	1
SS-6 -12	6/18/2021	1015	S	D, C	1
SS-7 -13	6/18/2021	1010	S	D, C	1
SS-8 -14	6/18/2021	1000	S	D, C	1
SS-9 -15	6/18/2021	1150	S	D, C	1
SS-10 -16	6/18/2021	1200	S	D, C	1

Cooler Count: Cooler Temp: Total Containers Page 1 = 10 Total Containers = 10

ANALYSIS REQUESTED

ANALYSIS	Num	Matrix	Num	Matrix	Num	Matrix	Num	Matrix	Num	Matrix	Num	Matrix	Num	Matrix	Num	Matrix	Filtered	Preservative
EPA 8081 Organochlorine Pesticides (OCPs)	N	None																
EPA 6101B Arsenic	N	None																
EPA 6010B/7471A Heavy Metals	N	None																
EPA-8015B TPH-Diesel/Motor Oil	N	None																
EPA-8015B TPH-Gas	N	None																
EPA 8260B Volatile Organic Compounds	N	None																
EPA 870C Seimvolatile Organic Compounds	N	None																
EPA-8270SIM Polyaromatic Hydrocarbons	N	None																
EPA 8082 Polychlorinated Biphenyls	N	None																

SS-1 -7	X	X		X			X	X	X	Lab to combine discrete samples into composite sample CS-1 for OCP analysis only.
SS-2 -6	X	X					X			Analyze discrete samples for arsenic, TPHd/mo, SVOCs and PAHs.
SS-3 -9	X						X			Lab to combine discrete samples into composite sample CS-1 for OCP analysis only.
SS-4 -10	X						X			Lab to combine discrete samples into composite sample CS-1 for OCP analysis only.
SS-5 -11	X	X		X			X	X	X	Analyze discrete samples for TPHd/mo, SVOCs and PAHs.
SS-6 -12	X	X								Lab to combine discrete samples into composite sample CS-1 for OCP analysis only.
SS-7 -13	X			X			X	X	X	Analyze discrete samples for arsenic, TPHd/mo, SVOCs and PAHs.
SS-8 -14	X									Lab to combine discrete samples into composite sample CS-2 for OCP analysis only.
SS-9 -15	X	X							X	Lab to combine discrete samples into composite sample CS-3 for OCP analysis only.
SS-10 -16	X						X	X		Lab to combine discrete samples into composite sample CS-3 for OCP analysis only.

Composites:
21-19955-01: CS-1
#1-19955 21-19955-07, 08, 09, 10
21-19955-02: CS-2
21-19955-11, 12, 13, 14
21-19955-03: CS-3
21-19955-15, 16, 17, 18
21-19955-04: CS-4
21-19955-19, 20, 21, 22
21-19955-09: CS-5
21-19955-23, 24, 25, 26
21-19955-06: CS-6
21-19955-27, 28, 29, 30

RELINQUISHED BY/AFFILIATION | **DATE/TIME** | **ACCEPTED BY/AFFILIATION** | **DATE/TIME**

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
	6/18/21		
	6/18/21 1440		6/21/21 1040
	6/18/21 1945		6/21/21 1945

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Chain of Custody and Cooler Receipt Form for 2119955 Page 2 of 4

TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

21-1995

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 2 of 4

SPECIAL INSTRUCTIONS/COMMENTS

CLIENT/PROJECT INFORMATION
Client: Rio School District
Project Name: Phase II ESA
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number:

SAMPLERS
Sampler's Name: Paige Sawaya
Sampler's Signature:
Sampler 2: Jason Dane

LABORATORY
Lab Name: BC Laboratories, Inc.
Lab Contact: Alin Repede
Email: alin.repede@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number
PO Number

SAMPLE DETAILS

ANALYSIS REQUESTED

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	EPA 8081 Organochlorine Pesticides (OCPs)	EPA 6101B Arsenic	EPA 6010B/7471A Heavy Metals	EPA-8015B TPH-Diesel/Motor Oil	EPA-8015B TPH-Gas	EPA 8260B Volatile Organic Compounds	EPA 870C Seimvolatile Organic Compounds	EPA-8270SIM Polyaromatic Hydrocarbons	EPA 8082 Polychlorinated Biphenyls	Comments	Filtered	Preservative
SS-11 -17	6/18/2021	1235	S	D,C	1	X									Lab to combine discrete samples into composite sample CS-3 for OCP analysis only		
SS-12 -18	6/18/2021	1240	S	D,C	1	X			X			X	X		Lab to combine discrete samples into composite sample CS-3 for OCP analysis only. Analyze discrete samples for TPHd/mo, SVOCs and PAHs.		
SS-13 -19	6/18/2021	1305	S	D,C	1	X	X		X			X	X		Lab to combine discrete samples into composite sample CS-4 for OCP analysis only. Analyze discrete samples for arsenic, TPHd/mo, SVOCs and PAHs.		
SS-14 -20	6/18/2021	1300	S	D,C	1	X									Lab to combine discrete samples into composite sample CS-4 for OCP analysis only		
SS-15 -21	6/18/2021	1255	S	D,C	1	X			X			X	X		Lab to combine discrete samples into composite sample CS-4 for OCP analysis only. Analyze discrete samples for TPHd/mo, SVOCs and PAHs		
SS-16 -22	6/18/2021	1250	S	D,C	1	X									Lab to combine discrete samples into composite sample CS-4 for OCP analysis only.		
SS-17 -23	6/18/2021	1310	S	D,C	1	X	X		X			X	X		Lab to combine discrete samples into composite sample CS-5 for OCP analysis only. Analyze discrete samples for arsenic, TPHd/mo, SVOCs and PAHs		
SS-18 -24	6/18/2021	1315	S	D,C	1	X									Lab to combine discrete samples into composite sample CS-5 for OCP analysis only.		
SS-19 -25	6/18/2021	1320	S	D,C	1	X			X			X	X		Lab to combine discrete samples into composite sample CS-5 for OCP analysis only. Analyze discrete samples for TPHd/mo, SVOCs and PAHs		
SS-20 -26	6/18/2021	1325	S	D,C	1	X									Lab to combine discrete samples into composite sample CS-5 for OCP analysis only.		

Cooler Count: Cooler Temp: Total Containers: Total Containers:

RELINQUISHED BY/AFFILIATION DATE/TIME: ACCEPTED BY/AFFILIATION DATE/TIME

6/18/21 6/18/21 1445
6/21/21 1040

Chain of Custody and Cooler Receipt Form for 2119955 Page 3 of 4

TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

21-19955

COC ID: SDG: URNAROUND TIME: Standard PAGE: 3 of 4

CLIENT/PROJECT INFORMATION
Client: Rio School District
Project Name: Rio School District Rose Avenue Facility South Parcel Phase II ESA
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number:

LABORATORY
Lab Name: BC Laboratories, Inc.
Lab Contact: Alin Rapsde
Email: alin.rapsde@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number:
PO Number:

SPECIAL INSTRUCTIONS/COMMENTS

SAMPLERS
Sampler's Name: Paige Sawaya
Sampler's Signature:
Sampler 2: Jaelon Dane

SAMPLE DETAILS

ANALYSIS REQUESTED

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	EPA 8081 Organochlorine Pesticides (OCPs)	EPA 6101B Arsenic	EPA 6010B/7471A Heavy Metals	EPA-8015B TPH-Diesel/Motor Oil	EPA-8015B TPH-Gas	EPA 8260B Volatile Organic Compounds	EPA 870C Seimvolatile Organic Compounds	EPA-8270SIM Polyaromatic Hydrocarbons	EPA 8082 Polychlorinated Biphenyls	Comments	Filtered	Preservative
				ANALYSIS		Note	None	None	None	None	Note						
SS-21 -27	6/18/2021	0935	S	D	1									X	Analyze discrete sample for PCBs.		
SS-22 -28	6/18/2021	1230	S	D	1									X	Analyze discrete sample for PCBs.		
SS-23 -29	6/18/2021	1025	S	D	3			X	X	X	X	X	X		Analyze discrete samples for heavy metals, TPHdmo, TPHg, VOCs, SVOCs and PAHs.		
SS-24 -30	6/18/2021	1045	S	D	3			X	X	X	X	X	X		Analyze discrete samples for heavy metals, TPHdmo, TPHg, VOCs, SVOCs and PAHs.		
SS-25 -31	6/18/2021	1120	S	D	3			X	X	X	X	X	X		Analyze discrete samples for heavy metals, TPHdmo, TPHg, VOCs, SVOCs and PAHs.		
SS-26 -32	6/18/2021	1140	S	D	3			X	X	X	X	X	X		Analyze discrete samples for heavy metals, TPHdmo, TPHg, VOCs, SVOCs and PAHs.		
SS-27 -33	6/18/2021	1155	S	D	3			X	X	X	X	X	X		Analyze discrete samples for heavy metals, TPHdmo, TPHg, VOCs, SVOCs and PAHs.		
SS-28 -34	6/18/2021	1210	S	D	3			X	X	X	X	X	X		Analyze discrete samples for heavy metals, TPHdmo, TPHg, VOCs, SVOCs and PAHs.		
SS-29 -35	6/18/2021	1230	S	D	3			X	X	X	X	X	X		Analyze discrete samples for heavy metals, TPHdmo, TPHg, VOCs, SVOCs and PAHs.		
CS-Dup1-1 -36	6/18/2021	0800	S	D,C	1	X									Lab to combine discrete duplicate samples into composite duplicate sample CS-Dup 1 for OCP analysis only.		

Total Containers: 25 Total Containers: 25 Cooler Temp: 1.6°C

Cooler Count: 1

RELINQUISHED BY/AFFILIATION DATE/TIME ACCEPTED BY/AFFILIATION DATE/TIME

6/18/21 1440
6/21/21 1640

Chain of Custody and Cooler Receipt Form for 2119955 Page 4 of 4

TETRA TECH
5383 Hollister Avenue, Suite 130
Santa Barbara, CA 93111
Tel: 805.681.3100 Fax: 805.681.3108

COC ID: SDG: 21- 19955 PAGE: 4 of 4

CLIENT/PROJECT INFORMATION
Client: Rio School District
Project Name: Rio School District Rose Avenue Facility South Parcel
Project Name: Phase II ESA
Groundwater Area: NA
Project Manager: Jim Steele
Phone Number: 805 895-4120
Email Address: jim.steele@tetratech.com
Project Number:

SAMPLERS
Sampler's Name: Paige Sawaya
Sampler's Signature:
Sampler 2: Jason Dane

LABORATORY
Lab Name: BC Laboratories, Inc.
Lab Contact: Alin Rapede
Email: alin.rapede@bclabs.com
Address: 4464 McGrath St.
Unit 105
City: Ventura State: CA
Postal Code: 93003
Phone Number: (805) 815-7966
Quote Number
PO Number

TURNAROUND TIME: Standard

SPECIAL INSTRUCTIONS/COMMENTS

SAMPLE DETAILS

ANALYSIS REQUESTED

Sample Identification	Date	Time (24hr)	Matrix	Sample Type (D=Discrete, C=Comp)	Number of Containers	EPA 8081 Organochlorine Pesticides (OCPs)	EPA 6101B Arsenic	EPA 6010B/7471A Heavy Metals	EPA-8015B TPH-Diesel/Motor Oil	EPA-8015B TPH-Gas	EPA 8260B Volatile Organic Compounds	EPA 870C Seimvolatile Organic Compounds	EPA-8270SIM Polyaromatic Hydrocarbons	EPA 8082 Polychlorinated Biphenyls	Containers: Preserved / Preservative
CS-Dup1-2 -37	6/18/2021	0800	S	D, C	1	X									Lab to combine discrete duplicate samples into composite duplicate sample CS-Dup1 for OCP analysis only.
CS-Dup2-3 -38	6/18/2021	0800	S	D, C	1	X									Lab to combine discrete duplicate samples into composite duplicate sample CS-Dup 1 for OCP analysis only.
CS-Dup1-4 -39	6/18/2021	0800	S	D, C	1	X									Lab to combine discrete duplicate samples into composite duplicate sample CS-Dup 1 for OCP analysis only.
Dup1 -40	6/18/2021	0800	S	D	1		X		X			X	X		Analyze discrete duplicate sample Dup1 for arsenic, TPHdmo, SVOCs and PAHs.
Dup2 -41	6/18/2021	0800	S	D	1									X	Analyze discrete duplicate sample Dup2 for PCBs.
Dup3 -42	6/18/2021	0800	S	D	5			X	X	X	X	X	X		Analyze discrete duplicate sample Dup3 for heavy metals, TPHdmo, TPHg, VOCs, SVOCs and PAHs.
MO-1 -43	6/18/2021	1030	A	D	1				X						Analyze discrete aqueous sample for TPHdmo. Note sample contains high concentrations (approximately 1.5/100) of Chem Oil e mineral oil, a miticide product used in berry farming. Dilute sample as necessary for analysis.

Cooler Count:
Cooler Temp:

RELINQUISHED BY/AFFILIATION | **DATE/TIME** | **ACCEPTED BY/AFFILIATION** | **DATE/TIME**

Total Containers Page 3 = 69

6/18/21 1440
6/18/21 1440
6/18/21 1800
6/18/21 1800
6/18/21 1800

Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2119955-01	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CS-1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-02	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 10:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CS-2	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-03	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 12:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CS-3	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-04	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 12:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CS-4	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-05	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 13:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CS-5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-06	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 13:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CS-DUP1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-07	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 09:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2119955-08	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 09:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-2	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-09	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 09:28
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-3	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-10	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 09:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-4	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-11	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 11:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-5	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-12	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 10:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-6	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-13	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 10:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-7	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-14	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 10:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-8	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2119955-15	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 11:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-9	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-16	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 12:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-10	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-17	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 12:35
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-11	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-18	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 12:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-12	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-19	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 13:05
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-13	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-20	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 13:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-14	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-21	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 12:55
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-15	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2119955-22	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 12:50
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-16	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-23	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 13:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-17	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-24	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 13:15
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-18	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-25	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 13:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-19	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-26	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 13:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-20	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-27	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 09:35
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-21	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-28	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 12:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-22	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2119955-29	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 10:25
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-23	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-30	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 10:45
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-24	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-31	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 11:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-25	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-32	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 11:40
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-26	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-33	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 11:55
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-27	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-34	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 12:10
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-28	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-35	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 12:20
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	SS-29	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2119955-36	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 08:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CS-DUP1-1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-37	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 08:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CS-DUP1-2	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-38	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 08:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CS-DUP1-3	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-39	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 08:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	CS-DUP1-4	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-40	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 08:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Dup1	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-41	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 08:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Dup2	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil
2119955-42	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 08:00
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	Dup3	**Lab Matrix:**	Solids
	Sampled By:	---	**Sample Type:**	Soil

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information			
2119955-43	**COC Number:**	---	**Receive Date:**	06/21/2021 18:45
	Project Number:	---	**Sampling Date:**	06/18/2021 10:30
	Sampling Location:	---	**Sample Depth:**	---
	Sampling Point:	MO-1	**Lab Matrix:**	Water
	Sampled By:	---	**Sample Type:**	Water

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2119955-01 | **Client Sample Name:** CS-1, 6/18/2021 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0031**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**J,A01**	1
4,4'-DDE	**0.064**	**mg/kg**	**0.0050**	**0.00095**	**EPA-8081A**	ND	**A01**	1
4,4'-DDT	**0.018**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A01	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	38.0	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	48.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/28/21 14:45	06/29/21 11:17	HKS	GC-17	10.101	B113100	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2119955-02 | **Client Sample Name:** CS-2, 6/18/2021 10:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.011**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.21**	**mg/kg**	**0.010**	**0.0019**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.044**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A01	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	124	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	115	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/28/21 14:45	06/29/21 11:32	HKS	GC-17	10.135	B113100	EPA 3550B
2	EPA-8081A	06/28/21 14:45	06/29/21 14:13	HKS	GC-17	20.270	B113100	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2119955-03 | **Client Sample Name:** CS-3, 6/18/2021 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0086**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.17**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.078**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A01	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	4180	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	103	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/28/21 14:45	06/29/21 11:46	HKS	GC-17	9.967	B113100	EPA 3550B
2	EPA-8081A	06/28/21 14:45	06/29/21 14:28	HKS	GC-17	49.834	B113100	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2119955-04 | **Client Sample Name:** CS-4, 6/18/2021 12:50:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0087**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.25**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.039**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A01	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	103	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	99.7	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/28/21 14:45	06/29/21 12:01	HKS	GC-17	9.868	B113100	EPA 3550B
2	EPA-8081A	06/28/21 14:45	06/29/21 14:42	HKS	GC-17	49.342	B113100	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2119955-05 | **Client Sample Name:** CS-5, 6/18/2021 1:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0089**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.27**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.039**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A01	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	92.7	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	87.3	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/28/21 14:45	06/29/21 12:16	HKS	GC-17	10.101	B113100	EPA 3550B
2	EPA-8081A	06/28/21 14:45	06/29/21 14:57	HKS	GC-17	50.505	B113100	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

BCL Sample ID: 2119955-06 | **Client Sample Name:** CS-DUP1, 6/18/2021 1:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Aldrin	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
alpha-BHC	ND	mg/kg	0.0050	0.00038	EPA-8081A	ND	A01	1
beta-BHC	ND	mg/kg	0.0050	0.00048	EPA-8081A	ND	A01	1
delta-BHC	ND	mg/kg	0.0050	0.00037	EPA-8081A	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Chlordane (Technical)	ND	mg/kg	0.50	0.010	EPA-8081A	ND	A01	1
4,4'-DDD	**0.0052**	**mg/kg**	**0.0050**	**0.00064**	**EPA-8081A**	ND	**A01**	1
4,4'-DDE	**0.23**	**mg/kg**	**0.025**	**0.0048**	**EPA-8081A**	ND	**A01**	2
4,4'-DDT	**0.022**	**mg/kg**	**0.0050**	**0.00040**	**EPA-8081A**	ND	**A01**	1
Dieldrin	ND	mg/kg	0.0050	0.00036	EPA-8081A	ND	A01	1
Endosulfan I	ND	mg/kg	0.0050	0.00020	EPA-8081A	ND	A01	1
Endosulfan II	ND	mg/kg	0.0050	0.00034	EPA-8081A	ND	A01	1
Endosulfan sulfate	ND	mg/kg	0.0050	0.00026	EPA-8081A	ND	A01	1
Endrin	ND	mg/kg	0.0050	0.00065	EPA-8081A	ND	A01	1
Endrin aldehyde	ND	mg/kg	0.0050	0.00018	EPA-8081A	ND	A01	1
Heptachlor	ND	mg/kg	0.0050	0.00086	EPA-8081A	ND	A01	1
Heptachlor epoxide	ND	mg/kg	0.0050	0.00017	EPA-8081A	ND	A01	1
Methoxychlor	ND	mg/kg	0.0050	0.00094	EPA-8081A	ND	A01	1
Toxaphene	ND	mg/kg	0.50	0.014	EPA-8081A	ND	A01	1
TCMX (Surrogate)	59.2	%	20 - 130 (LCL - UCL)		EPA-8081A		A01	1
Decachlorobiphenyl (Surrogate)	54.8	%	40 - 130 (LCL - UCL)		EPA-8081A		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8081A	06/28/21 14:45	06/29/21 12:30	HKS	GC-17	10.169	B113100	EPA 3550B
2	EPA-8081A	06/28/21 14:45	06/29/21 15:12	HKS	GC-17	50.847	B113100	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-07 | **Client Sample Name:** SS-1, 6/18/2021 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.11**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-07 | **Client Sample Name:** SS-1, 6/18/2021 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-07 | **Client Sample Name:** SS-1, 6/18/2021 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	63.0	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	58.7	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	55.1	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	73.9	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	87.6	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	105	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 01:13	CMM	MS-B2	1.003	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-07 | **Client Sample Name:** SS-1, 6/18/2021 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.0013	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00092	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00081	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00096	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00079	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00078	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00072	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00048	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00075	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00097	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00090	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00086	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.0012	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	71.0	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	79.3	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	72.2	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 13:58	OLH	MS-B4	0.944	B113331	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-07 | **Client Sample Name:** SS-1, 6/18/2021 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	**20**	**mg/kg**	**10**	**2.2**	**EPA-8015B/FFP**	ND	**A52**	1
TPH - Hydraulic Oil / Motor Oil	**140**	**mg/kg**	**20**	**7.0**	**EPA-8015B/FFP**	ND	**A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 08:07	BUP	GC-13	1.017	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-07 | **Client Sample Name:** SS-1, 6/18/2021 9:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**2.2**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:12	JCC	PE-OP3	1	B113490	EPA 3050B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-09 | **Client Sample Name:** SS-3, 6/18/2021 9:28:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.030**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND	**J**	1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-09 | **Client Sample Name:** SS-3, 6/18/2021 9:28:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-09 | **Client Sample Name:** SS-3, 6/18/2021 9:28:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	75.5	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	71.1	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	67.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	55.8	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	93.6	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	89.0	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 01:39	CMM	MS-B2	0.957	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-09 | **Client Sample Name:** SS-3, 6/18/2021 9:28:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.0013	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00092	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00081	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00096	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00079	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00078	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00072	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00048	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00075	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00097	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00090	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00086	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.0012	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	64.4	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	29.2	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM		S09	1
p-Terphenyl-d14 (Surrogate)	31.7	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 14:23	OLH	MS-B4	1.007	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-09 | **Client Sample Name:** SS-3, 6/18/2021 9:28:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	20	7.0	EPA-8015B/FFP	ND	A57	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 08:29	BUP	GC-13	0.990	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-11 | **Client Sample Name:** SS-5, 6/18/2021 11:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.11**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-11 | **Client Sample Name:** SS-5, 6/18/2021 11:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-11 | **Client Sample Name:** SS-5, 6/18/2021 11:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	67.0	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	63.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	63.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	79.7	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	94.2	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	125	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 02:04	CMM	MS-B2	0.977	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-11 | **Client Sample Name:** SS-5, 6/18/2021 11:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.0013	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00092	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00081	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00096	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00079	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00078	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00072	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00048	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00075	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00097	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00090	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00086	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.0012	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	91.2	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	89.0	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	81.5	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 14:48	OLH	MS-B4	0.967	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-11 | **Client Sample Name:** SS-5, 6/18/2021 11:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	**140**	**mg/kg**	**20**	**7.0**	**EPA-8015B/FFP**	ND	**A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 08:52	BUP	GC-13	1.014	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-11 | **Client Sample Name:** SS-5, 6/18/2021 11:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**2.4**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:28	JCC	PE-OP3	0.943	B113490	EPA 3050B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-13 | **Client Sample Name:** SS-7, 6/18/2021 10:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.21**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-13 | **Client Sample Name:** SS-7, 6/18/2021 10:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-13 | **Client Sample Name:** SS-7, 6/18/2021 10:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	68.7	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	61.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	62.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	77.5	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	84.4	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	112	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 02:30	CMM	MS-B2	0.997	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-13 | **Client Sample Name:** SS-7, 6/18/2021 10:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.0013	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00092	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00081	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00096	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00079	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00078	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00072	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00048	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00075	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00097	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00090	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00086	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.0012	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	90.7	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	86.5	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	74.6	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 15:14	OLH	MS-B4	0.966	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-13 | **Client Sample Name:** SS-7, 6/18/2021 10:10:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	**26**	**mg/kg**	**20**	**7.0**	**EPA-8015B/FFP**	ND	**A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 09:14	BUP	GC-13	1.007	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2119955-15 | **Client Sample Name:** SS-9, 6/18/2021 11:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.10	0.023	EPA-8082	ND	A10	1
PCB-1221	ND	mg/kg	0.10	0.033	EPA-8082	ND	A10	1
PCB-1232	ND	mg/kg	0.10	0.026	EPA-8082	ND	A10	1
PCB-1242	ND	mg/kg	0.10	0.015	EPA-8082	ND	A10	1
PCB-1248	ND	mg/kg	0.10	0.021	EPA-8082	ND	A10	1
PCB-1254	ND	mg/kg	0.10	0.016	EPA-8082	ND	A10	1
PCB-1260	ND	mg/kg	0.10	0.018	EPA-8082	ND	A10	1
Total PCB's (Summation)	ND	mg/kg	0.10	0.050	EPA-8082	ND	A10	1
Decachlorobiphenyl (Surrogate)	16.7	%	40 - 120 (LCL - UCL)		EPA-8082		A10,A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	06/28/21 13:40	06/29/21 16:51	HKS	GC-14	10.033	B113043	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-15 | **Client Sample Name:** SS-9, 6/18/2021 11:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**2.8**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:30	JCC	PE-OP3	0.943	B113490	EPA 3050B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-16 | **Client Sample Name:** SS-10, 6/18/2021 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Acenaphthylene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Aldrin	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Aniline	ND	mg/kg	6.0	0.33	EPA-8270C	ND	A01	1
Anthracene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Benzidine	ND	mg/kg	90	0.28	EPA-8270C	ND	A01	1
Benzo[a]anthracene	ND	mg/kg	3.0	0.23	EPA-8270C	ND	A01	1
Benzo[b]fluoranthene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Benzo[k]fluoranthene	ND	mg/kg	3.0	0.25	EPA-8270C	ND	A01	1
Benzo[a]pyrene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Benzo[g,h,i]perylene	ND	mg/kg	3.0	0.39	EPA-8270C	ND	A01	1
Benzoic acid	ND	mg/kg	15	0.42	EPA-8270C	ND	A01	1
Benzyl alcohol	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Benzyl butyl phthalate	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
alpha-BHC	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
beta-BHC	ND	mg/kg	3.0	0.22	EPA-8270C	ND	A01	1
delta-BHC	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
gamma-BHC (Lindane)	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
bis(2-Chloroethoxy)methane	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
bis(2-Chloroethyl) ether	ND	mg/kg	3.0	0.29	EPA-8270C	ND	A01	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	6.0	0.20	EPA-8270C	ND	A01	1
4-Bromophenyl phenyl ether	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
4-Chloroaniline	ND	mg/kg	3.0	0.45	EPA-8270C	ND	A01	1
2-Chloronaphthalene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
4-Chlorophenyl phenyl ether	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Chrysene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
4,4'-DDD	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
4,4'-DDE	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
4,4'-DDT	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Dibenzo[a,h]anthracene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Dibenzofuran	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
1,2-Dichlorobenzene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-16 | **Client Sample Name:** SS-10, 6/18/2021 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
1,4-Dichlorobenzene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
3,3-Dichlorobenzidine	ND	mg/kg	6.0	0.20	EPA-8270C	ND	A01	1
Dieldrin	ND	mg/kg	3.0	0.23	EPA-8270C	ND	A01	1
Diethyl phthalate	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Dimethyl phthalate	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Di-n-butyl phthalate	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
2,4-Dinitrotoluene	ND	mg/kg	3.0	0.26	EPA-8270C	ND	A01	1
2,6-Dinitrotoluene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Di-n-octyl phthalate	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
1,2-Diphenylhydrazine	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Endosulfan I	ND	mg/kg	6.0	0.26	EPA-8270C	ND	A01	1
Endosulfan II	ND	mg/kg	6.0	0.26	EPA-8270C	ND	A01	1
Endosulfan sulfate	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Endrin	ND	mg/kg	6.0	0.26	EPA-8270C	ND	A01	1
Endrin aldehyde	ND	mg/kg	15	0.21	EPA-8270C	ND	A01	1
Fluoranthene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Fluorene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Heptachlor	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Heptachlor epoxide	ND	mg/kg	3.0	0.39	EPA-8270C	ND	A01	1
Hexachlorobenzene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Hexachlorobutadiene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Hexachlorocyclopentadiene	ND	mg/kg	3.0	0.45	EPA-8270C	ND	A01	1
Hexachloroethane	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	3.0	0.21	EPA-8270C	ND	A01	1
Isophorone	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
2-Methylnaphthalene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Naphthalene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
2-Naphthylamine	ND	mg/kg	90	1.1	EPA-8270C	ND	A01	1
2-Nitroaniline	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
3-Nitroaniline	ND	mg/kg	6.0	0.20	EPA-8270C	ND	A01	1
4-Nitroaniline	ND	mg/kg	6.0	0.33	EPA-8270C	ND	A01	1
Nitrobenzene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-16 | **Client Sample Name:** SS-10, 6/18/2021 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	3.0	1.2	EPA-8270C	ND	A01	1
N-Nitrosodi-N-propylamine	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
N-Nitrosodiphenylamine	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Phenanthrene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
Pyrene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
1,2,4-Trichlorobenzene	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
4-Chloro-3-methylphenol	ND	mg/kg	6.0	0.20	EPA-8270C	ND	A01	1
2-Chlorophenol	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
2,4-Dichlorophenol	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
2,4-Dimethylphenol	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	15	0.20	EPA-8270C	ND	A01	1
2,4-Dinitrophenol	ND	mg/kg	15	0.20	EPA-8270C	ND	A01	1
2-Methylphenol	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
3- & 4-Methylphenol	ND	mg/kg	6.0	0.42	EPA-8270C	ND	A01	1
2-Nitrophenol	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
4-Nitrophenol	ND	mg/kg	6.0	0.54	EPA-8270C	ND	A01	1
Pentachlorophenol	ND	mg/kg	6.0	0.51	EPA-8270C	ND	A01	1
Phenol	ND	mg/kg	3.0	0.20	EPA-8270C	ND	A01	1
2,4,5-Trichlorophenol	ND	mg/kg	6.0	0.33	EPA-8270C	ND	A01	1
2,4,6-Trichlorophenol	ND	mg/kg	6.0	0.20	EPA-8270C	ND	A01	1
2-Fluorophenol (Surrogate)	70.0	%	20 - 130 (LCL - UCL)		EPA-8270C		A01	1
Phenol-d5 (Surrogate)	61.8	%	30 - 130 (LCL - UCL)		EPA-8270C		A01	1
Nitrobenzene-d5 (Surrogate)	60.5	%	30 - 130 (LCL - UCL)		EPA-8270C		A01	1
2-Fluorobiphenyl (Surrogate)	73.0	%	30 - 140 (LCL - UCL)		EPA-8270C		A01	1
2,4,6-Tribromophenol (Surrogate)	83.5	%	20 - 150 (LCL - UCL)		EPA-8270C		A01	1
p-Terphenyl-d14 (Surrogate)	116	%	30 - 150 (LCL - UCL)		EPA-8270C		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 06:18	CMM	MS-B2	30	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-16 | **Client Sample Name:** SS-10, 6/18/2021 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0090	0.0039	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0090	0.0028	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0090	0.0024	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0090	0.0029	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	**0.033**	**mg/kg**	**0.0090**	**0.0024**	**EPA-8270C-SIM**	ND		1
Benzo[k]fluoranthene	**0.031**	**mg/kg**	**0.0090**	**0.0033**	**EPA-8270C-SIM**	ND		1
Benzo[a]pyrene	**0.068**	**mg/kg**	**0.0090**	**0.0023**	**EPA-8270C-SIM**	ND		1
Benzo[g,h,i]perylene	**0.19**	**mg/kg**	**0.0090**	**0.0022**	**EPA-8270C-SIM**	ND		1
Chrysene	ND	mg/kg	0.0090	0.0033	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	**0.043**	**mg/kg**	**0.0090**	**0.0014**	**EPA-8270C-SIM**	ND		1
Fluoranthene	ND	mg/kg	0.0090	0.0022	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0090	0.0029	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	**0.094**	**mg/kg**	**0.0090**	**0.0014**	**EPA-8270C-SIM**	ND		1
Naphthalene	ND	mg/kg	0.0090	0.0027	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0090	0.0026	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0090	0.0036	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	91.8	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	89.8	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	92.8	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 15:39	OLH	MS-B4	3	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-16 | **Client Sample Name:** SS-10, 6/18/2021 12:00:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	300	66	EPA-8015B/FFP	ND	A01	1
TPH - Hydraulic Oil / Motor Oil	**2800**	**mg/kg**	**600**	**210**	**EPA-8015B/FFP**	ND	**A01,A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	07/01/21 09:27	BUP	GC-13	30	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-18 | **Client Sample Name:** SS-12, 6/18/2021 12:40:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.17**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-18 | **Client Sample Name:** SS-12, 6/18/2021 12:40:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-18 | **Client Sample Name:** SS-12, 6/18/2021 12:40:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	81.0	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	74.7	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	76.7	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	86.6	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	99.4	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	120	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 02:55	CMM	MS-B2	0.967	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-18 | **Client Sample Name:** SS-12, 6/18/2021 12:40:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.0013	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00092	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00081	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00096	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00079	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00078	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00072	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00048	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00075	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00097	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00090	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00086	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.0012	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	97.9	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	95.0	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	80.9	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 16:05	OLH	MS-B4	0.970	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-18 | **Client Sample Name:** SS-12, 6/18/2021 12:40:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	**21**	**mg/kg**	**20**	**7.0**	**EPA-8015B/FFP**	ND	**A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 09:37	BUP	GC-13	1.007	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-19 | **Client Sample Name:** SS-13, 6/18/2021 1:05:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.19**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-19 | **Client Sample Name:** SS-13, 6/18/2021 1:05:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-19 | **Client Sample Name:** SS-13, 6/18/2021 1:05:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	69.0	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	63.7	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	64.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	77.6	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	87.3	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	112	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 03:21	CMM	MS-B2	0.941	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-19 | **Client Sample Name:** SS-13, 6/18/2021 1:05:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.0013	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00092	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00081	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00096	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00079	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00078	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00072	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00048	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00075	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00097	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00090	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00086	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.0012	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	89.9	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	86.0	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	68.6	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 16:30	OLH	MS-B4	0.967	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-19 | **Client Sample Name:** SS-13, 6/18/2021 1:05:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	**19**	**mg/kg**	**20**	**7.0**	**EPA-8015B/FFP**	ND	**J,A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 11:06	BUP	GC-13	1.010	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-19 | **Client Sample Name:** SS-13, 6/18/2021 1:05:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**2.9**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:31	JCC	PE-OP3	1	B113490	EPA 3050B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-21 | **Client Sample Name:** SS-15, 6/18/2021 12:55:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.18**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-21 | **Client Sample Name:** SS-15, 6/18/2021 12:55:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-21 | **Client Sample Name:** SS-15, 6/18/2021 12:55:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	68.6	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	64.4	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	64.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	76.1	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	86.8	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	114	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 03:46	CMM	MS-B2	0.964	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-21 | **Client Sample Name:** SS-15, 6/18/2021 12:55:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.0013	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00092	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00081	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00096	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00079	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00078	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00072	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00048	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00075	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00097	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00090	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00086	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.0012	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	90.5	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	95.5	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	96.0	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 16:55	OLH	MS-B4	1.017	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-21 | **Client Sample Name:** SS-15, 6/18/2021 12:55:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	**57**	**mg/kg**	**20**	**7.0**	**EPA-8015B/FFP**	ND	**A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 11:29	BUP	GC-13	1.007	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-23 | **Client Sample Name:** SS-17, 6/18/2021 1:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.20**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-23 | **Client Sample Name:** SS-17, 6/18/2021 1:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-23 | **Client Sample Name:** SS-17, 6/18/2021 1:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	63.7	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	59.3	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	60.0	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	67.4	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	80.3	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	91.4	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 04:12	CMM	MS-B2	0.963	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-23 | **Client Sample Name:** SS-17, 6/18/2021 1:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.0013	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00092	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00081	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00096	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00079	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00078	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00072	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00048	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00075	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00097	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00090	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00086	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.0012	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	91.1	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	92.6	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	79.6	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 17:20	OLH	MS-B4	0.983	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-23 | **Client Sample Name:** SS-17, 6/18/2021 1:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	**20**	**mg/kg**	**20**	**7.0**	**EPA-8015B/FFP**	ND	**A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 11:51	BUP	GC-13	1	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-23 | **Client Sample Name:** SS-17, 6/18/2021 1:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**3.7**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:33	JCC	PE-OP3	0.952	B113490	EPA 3050B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-25 | **Client Sample Name:** SS-19, 6/18/2021 1:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.13**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-25 | **Client Sample Name:** SS-19, 6/18/2021 1:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-25 | **Client Sample Name:** SS-19, 6/18/2021 1:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	74.6	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	71.1	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	69.4	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	65.1	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	96.3	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	73.8	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 04:37	CMM	MS-B2	0.956	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-25 | **Client Sample Name:** SS-19, 6/18/2021 1:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.0013	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00092	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00081	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00096	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00079	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00078	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00072	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00048	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00075	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00097	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00090	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00086	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.0012	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	70.6	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	64.6	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	45.1	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 17:45	OLH	MS-B4	0.963	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-25 | **Client Sample Name:** SS-19, 6/18/2021 1:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	10	2.2	EPA-8015B/FFP	ND		1
TPH - Hydraulic Oil / Motor Oil	**10**	**mg/kg**	**20**	**7.0**	**EPA-8015B/FFP**	ND	**J,A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 12:15	BUP	GC-13	1.017	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2119955-27 | **Client Sample Name:** SS-21, 6/18/2021 9:35:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.59	0.14	EPA-8082	ND	A10	1
PCB-1221	ND	mg/kg	0.59	0.19	EPA-8082	ND	A10	1
PCB-1232	ND	mg/kg	0.59	0.15	EPA-8082	ND	A10	1
PCB-1242	ND	mg/kg	0.59	0.088	EPA-8082	ND	A10	1
PCB-1248	ND	mg/kg	0.59	0.12	EPA-8082	ND	A10	1
PCB-1254	ND	mg/kg	0.59	0.094	EPA-8082	ND	A10	1
PCB-1260	ND	mg/kg	0.59	0.11	EPA-8082	ND	A10	1
Total PCB's (Summation)	ND	mg/kg	0.59	0.29	EPA-8082	ND	A10	1
Decachlorobiphenyl (Surrogate)	16.7	%	40 - 120 (LCL - UCL)		EPA-8082		A10,A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	06/28/21 13:40	06/29/21 17:02	HKS	GC-14	58.824	B113043	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2119955-28 | **Client Sample Name:** SS-22, 6/18/2021 12:30:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.10	0.023	EPA-8082	ND	A10	1
PCB-1221	ND	mg/kg	0.10	0.033	EPA-8082	ND	A10	1
PCB-1232	ND	mg/kg	0.10	0.026	EPA-8082	ND	A10	1
PCB-1242	ND	mg/kg	0.10	0.015	EPA-8082	ND	A10	1
PCB-1248	ND	mg/kg	0.10	0.021	EPA-8082	ND	A10	1
PCB-1254	ND	mg/kg	0.10	0.016	EPA-8082	ND	A10	1
PCB-1260	ND	mg/kg	0.10	0.018	EPA-8082	ND	A10	1
Total PCB's (Summation)	ND	mg/kg	0.10	0.050	EPA-8082	ND	A10	1
Decachlorobiphenyl (Surrogate)	16.7	%	40 - 120 (LCL - UCL)		EPA-8082		A10,A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	06/28/21 13:40	06/29/21 17:13	HKS	GC-14	10	B113043	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-29 | **Client Sample Name:** SS-23, 6/18/2021 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	**0.028**	**mg/kg**	**0.0050**	**0.00076**	**EPA-8260B**	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-29 | **Client Sample Name:** SS-23, 6/18/2021 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	**0.010**	**mg/kg**	**0.0050**	**0.00099**	**EPA-8260B**	ND		1
n-Propylbenzene	**0.0024**	**mg/kg**	**0.0050**	**0.00071**	**EPA-8260B**	ND	**J**	1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	**0.0012**	**mg/kg**	**0.0050**	**0.00069**	**EPA-8260B**	ND	**J**	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	**0.017**	**mg/kg**	**0.0050**	**0.00080**	**EPA-8260B**	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	**0.0033**	**mg/kg**	**0.010**	**0.0025**	**EPA-8260B**	ND	**J**	1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	**0.0021**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND	**J**	1
o-Xylene	**0.0012**	**mg/kg**	**0.0050**	**0.00093**	**EPA-8260B**	ND	**J**	1
Total Purgeable Petroleum Hydrocarbons	**310**	**mg/kg**	**36**	**10**	**Luft-GC/MS**		**A01**	2

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-29 | **Client Sample Name:** SS-23, 6/18/2021 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,2-Dichloroethane-d4 (Surrogate)	113	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	93.7	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	92.8	%	81 - 117 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	99.0	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	78.9	%	74 - 121 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	97.5	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	06/28/21 09:33	06/30/21 01:00	BYM	MS-V18	0.903	B112833	EPA 5035 Soil MS
2	EPA-8260B	06/28/21 09:33	07/02/21 00:01	BYM	MS-V18	180.51	B112833	EPA 5035 Soil MS

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-29 | **Client Sample Name:** SS-23, 6/18/2021 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-29 | **Client Sample Name:** SS-23, 6/18/2021 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-29 | **Client Sample Name:** SS-23, 6/18/2021 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	83.8	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1
Phenol-d5 (Surrogate)	71.1	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
Nitrobenzene-d5 (Surrogate)	85.3	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
2-Fluorobiphenyl (Surrogate)	0	%	30 - 140 (LCL - UCL)		EPA-8270C		A10,S09	1
2,4,6-Tribromophenol (Surrogate)	88.7	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1
p-Terphenyl-d14 (Surrogate)	137	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 06:43	CMM	MS-B2	9.966	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-29 | **Client Sample Name:** SS-23, 6/18/2021 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.030	0.013	EPA-8270C-SIM	ND	A01	1
Acenaphthylene	ND	mg/kg	0.030	0.0092	EPA-8270C-SIM	ND	A01	1
Anthracene	ND	mg/kg	0.030	0.0081	EPA-8270C-SIM	ND	A01	1
Benzo[a]anthracene	ND	mg/kg	0.030	0.0096	EPA-8270C-SIM	ND	A01	1
Benzo[b]fluoranthene	ND	mg/kg	0.030	0.0079	EPA-8270C-SIM	ND	A01	1
Benzo[k]fluoranthene	ND	mg/kg	0.030	0.011	EPA-8270C-SIM	ND	A01	1
Benzo[a]pyrene	ND	mg/kg	0.030	0.0078	EPA-8270C-SIM	ND	A01	1
Benzo[g,h,i]perylene	ND	mg/kg	0.030	0.0072	EPA-8270C-SIM	ND	A01	1
Chrysene	ND	mg/kg	0.030	0.011	EPA-8270C-SIM	ND	A01	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.030	0.0048	EPA-8270C-SIM	ND	A01	1
Fluoranthene	ND	mg/kg	0.030	0.0075	EPA-8270C-SIM	ND	A01	1
Fluorene	ND	mg/kg	0.030	0.0097	EPA-8270C-SIM	ND	A01	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.030	0.0047	EPA-8270C-SIM	ND	A01	1
Naphthalene	**0.029**	**mg/kg**	**0.030**	**0.0090**	**EPA-8270C-SIM**	ND	**J,A01**	1
Phenanthrene	ND	mg/kg	0.030	0.0086	EPA-8270C-SIM	ND	A01	1
Pyrene	**0.071**	**mg/kg**	**0.030**	**0.012**	**EPA-8270C-SIM**	ND	**A01**	1
Nitrobenzene-d5 (Surrogate)	187	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A01,A19	1
2-Fluorobiphenyl (Surrogate)	46.1	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM		A01	1
p-Terphenyl-d14 (Surrogate)	80.0	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	07/02/21 20:41	OLH	MS-B4	9.732	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-29 | **Client Sample Name:** SS-23, 6/18/2021 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	**14000**	**mg/kg**	**1000**	**220**	**EPA-8015B/FFP**	ND	**A01,A52**	1
TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	2000	700	EPA-8015B/FFP	ND	A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 18:18	BUP	GC-13	101.35	B113144	EPA 3550B

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-29 | **Client Sample Name:** SS-23, 6/18/2021 10:25:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.2**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**34**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.16**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	**0.33**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	ND	**J**	1
Chromium	**7.0**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.21		1
Cobalt	**2.1**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**6.8**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	ND		1
Lead	**3.7**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**4.8**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	0.16		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**15**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**40**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:35	JCC	PE-OP3	0.952	B113490	EPA 3050B
2	EPA-7471A	06/30/21 11:15	07/01/21 10:41	TMT	CETAC3	0.992	B113137	EPA 7471A

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-30 | **Client Sample Name:** SS-24, 6/18/2021 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	S08,Z1	1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND	S08,Z1	1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	S08,Z1	1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	S08,Z1	1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND	S08,Z1	1
n-Butylbenzene	**0.022**	**mg/kg**	**0.0050**	**0.00076**	**EPA-8260B**	ND	**S08,Z1**	1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	S08,Z1	1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND	S08,Z1	1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	S08,Z1	1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND	S08,Z1	1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND	S08,Z1	1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	S08,Z1	1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	S08,Z1	1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND	S08,Z1	1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND	S08,Z1	1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	S08,Z1	1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	S08,Z1	1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	S08,Z1	1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND	S08,Z1	1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND	S08,Z1	1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND	S08,Z1	1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND	S08,Z1	1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-30 | **Client Sample Name:** SS-24, 6/18/2021 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	S08,Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	S08,Z1	1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND	S08,Z1	1
Ethylbenzene	**0.0042**	**mg/kg**	**0.0050**	**0.00069**	**EPA-8260B**	ND	**J,S08,Z1**	1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
p-Isopropyltoluene	**0.0021**	**mg/kg**	**0.0050**	**0.00059**	**EPA-8260B**	ND	**J,S08,Z1**	1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND	S08,Z1	1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND	S08,Z1	1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND	S08,Z1	1
n-Propylbenzene	**0.010**	**mg/kg**	**0.0050**	**0.00071**	**EPA-8260B**	ND	**S08,Z1**	1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND	S08,Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND	S08,Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND	S08,Z1	1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND	S08,Z1	1
Toluene	**0.0027**	**mg/kg**	**0.0050**	**0.00069**	**EPA-8260B**	ND	**J,S08,Z1**	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	S08,Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND	S08,Z1	1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND	S08,Z1	1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND	S08,Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND	S08,Z1	1
1,2,4-Trimethylbenzene	**0.020**	**mg/kg**	**0.0050**	**0.00080**	**EPA-8260B**	ND	**S08,Z1**	1
1,3,5-Trimethylbenzene	**0.0044**	**mg/kg**	**0.0050**	**0.00066**	**EPA-8260B**	ND	**J,S08,Z1**	1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	S08,Z1	1
Total Xylenes	**0.016**	**mg/kg**	**0.010**	**0.0025**	**EPA-8260B**	ND	**S08,Z1**	1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND	S08,Z1	1
p- & m-Xylenes	**0.010**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND	**S08,Z1**	1
o-Xylene	**0.0056**	**mg/kg**	**0.0050**	**0.00093**	**EPA-8260B**	ND	**S08,Z1**	1
Total Purgeable Petroleum Hydrocarbons	**6.6**	**mg/kg**	**0.20**	**0.058**	**Luft-GC/MS**		**S08,Z1**	1

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-30 | **Client Sample Name:** SS-24, 6/18/2021 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,2-Dichloroethane-d4 (Surrogate)	90.0	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	78.5	%	81 - 117 (LCL - UCL)		EPA-8260B		A20,S09	1
4-Bromofluorobenzene (Surrogate)	55.9	%	74 - 121 (LCL - UCL)		EPA-8260B		A20,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	06/28/21 09:33	06/30/21 13:55	BYM	MS-V18	1.004	B112833	EPA 5035 Soil MS

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-30 | **Client Sample Name:** SS-24, 6/18/2021 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.56	0.031	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Benzidine	ND	mg/kg	8.4	0.026	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.28	0.022	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.28	0.023	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.28	0.036	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	1.4	0.039	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.28	0.021	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.28	0.027	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.56	0.019	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.28	0.042	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-30 | **Client Sample Name:** SS-24, 6/18/2021 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.56	0.019	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.28	0.022	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.28	0.024	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.56	0.025	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.56	0.025	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.56	0.024	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	1.4	0.020	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.28	0.036	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.28	0.042	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	8.4	0.10	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.56	0.019	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.56	0.031	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-30 | **Client Sample Name:** SS-24, 6/18/2021 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.28	0.11	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.56	0.019	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	1.4	0.019	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	1.4	0.019	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.56	0.039	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.56	0.050	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.56	0.048	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.28	0.019	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.56	0.031	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.56	0.019	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	61.0	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	89.7	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	91.1	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	274	%	30 - 140 (LCL - UCL)		EPA-8270C		S09	1
2,4,6-Tribromophenol (Surrogate)	6080	%	20 - 150 (LCL - UCL)		EPA-8270C		S09	1
p-Terphenyl-d14 (Surrogate)	105	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 05:02	CMM	MS-B2	2.796	B113433	EPA 3550B

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-30 | **Client Sample Name:** SS-24, 6/18/2021 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.083	0.036	EPA-8270C-SIM	ND	A10	1
Acenaphthylene	ND	mg/kg	0.083	0.026	EPA-8270C-SIM	ND	A10	1
Anthracene	ND	mg/kg	0.083	0.022	EPA-8270C-SIM	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	0.083	0.027	EPA-8270C-SIM	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.083	0.022	EPA-8270C-SIM	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.083	0.031	EPA-8270C-SIM	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	0.083	0.022	EPA-8270C-SIM	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.083	0.020	EPA-8270C-SIM	ND	A10	1
Chrysene	ND	mg/kg	0.083	0.031	EPA-8270C-SIM	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.083	0.013	EPA-8270C-SIM	ND	A10	1
Fluoranthene	ND	mg/kg	0.083	0.021	EPA-8270C-SIM	ND	A10	1
Fluorene	ND	mg/kg	0.083	0.027	EPA-8270C-SIM	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.083	0.013	EPA-8270C-SIM	ND	A10	1
Naphthalene	ND	mg/kg	0.083	0.025	EPA-8270C-SIM	ND	A10	1
Phenanthrene	ND	mg/kg	0.083	0.024	EPA-8270C-SIM	ND	A10	1
Pyrene	ND	mg/kg	0.083	0.033	EPA-8270C-SIM	ND	A10	1
Nitrobenzene-d5 (Surrogate)	91.6	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
2-Fluorobiphenyl (Surrogate)	59.4	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
p-Terphenyl-d14 (Surrogate)	76.7	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	07/02/21 21:30	OLH	MS-B4	27.757	B113331	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-30 | **Client Sample Name:** SS-24, 6/18/2021 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	**25000**	**mg/kg**	**3000**	**660**	**EPA-8015B/FFP**	ND	**A01,A52**	1
TPH - Hydraulic Oil / Motor Oil	ND	mg/kg	6000	2100	EPA-8015B/FFP	ND	A01	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 19:48	BUP	GC-13	300	B113144	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-30 | **Client Sample Name:** SS-24, 6/18/2021 10:45:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.6**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**39**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.20**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	**0.43**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	ND	**J**	1
Chromium	**8.8**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.21		1
Cobalt	**2.8**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND		1
Copper	**9.6**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	ND		1
Lead	**5.6**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**6.2**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	0.16		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**18**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**53**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:37	JCC	PE-OP3	0.935	B113490	EPA 3050B
2	EPA-7471A	06/30/21 11:15	07/01/21 10:43	TMT	CETAC3	1.025	B113137	EPA 7471A

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-31 | **Client Sample Name:** SS-25, 6/18/2021 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	S08,Z1	1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND	S08,Z1	1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	S08,Z1	1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	S08,Z1	1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND	S08,Z1	1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND	S08,Z1	1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	S08,Z1	1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND	S08,Z1	1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	S08,Z1	1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND	S08,Z1	1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND	S08,Z1	1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	S08,Z1	1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	S08,Z1	1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND	S08,Z1	1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND	S08,Z1	1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	S08,Z1	1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	S08,Z1	1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	S08,Z1	1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND	S08,Z1	1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND	S08,Z1	1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND	S08,Z1	1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND	S08,Z1	1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-31 | **Client Sample Name:** SS-25, 6/18/2021 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	S08,Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	S08,Z1	1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND	S08,Z1	1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND	S08,Z1	1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	S08,Z1	1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND	S08,Z1	1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND	S08,Z1	1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND	S08,Z1	1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	S08,Z1	1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND	S08,Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND	S08,Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND	S08,Z1	1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND	S08,Z1	1
Toluene	**0.0012**	**mg/kg**	**0.0050**	**0.00069**	**EPA-8260B**	ND	**J,S08,Z1**	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	S08,Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND	S08,Z1	1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND	S08,Z1	1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND	S08,Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND	S08,Z1	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	S08,Z1	1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	S08,Z1	1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND	S08,Z1	1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND	S08,Z1	1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND	S08,Z1	1
Total Purgeable Petroleum Hydrocarbons	**0.25**	**mg/kg**	**0.20**	**0.058**	**Luft-GC/MS**		**S08,Z1**	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-31 | **Client Sample Name:** SS-25, 6/18/2021 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,2-Dichloroethane-d4 (Surrogate)	115	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	76.4	%	81 - 117 (LCL - UCL)		EPA-8260B		A20,S09	1
4-Bromofluorobenzene (Surrogate)	71.3	%	74 - 121 (LCL - UCL)		EPA-8260B		A20,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	06/28/21 09:33	06/30/21 14:22	BYM	MS-V18	0.921	B112833	EPA 5035 Soil MS

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-31 | **Client Sample Name:** SS-25, 6/18/2021 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-31 | **Client Sample Name:** SS-25, 6/18/2021 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-31 | **Client Sample Name:** SS-25, 6/18/2021 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	47.0	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1
Phenol-d5 (Surrogate)	42.8	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
Nitrobenzene-d5 (Surrogate)	42.8	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
2-Fluorobiphenyl (Surrogate)	47.2	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1
2,4,6-Tribromophenol (Surrogate)	53.0	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1
p-Terphenyl-d14 (Surrogate)	74.0	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 07:09	CMM	MS-B2	10.033	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-31 | **Client Sample Name:** SS-25, 6/18/2021 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.015	0.0065	EPA-8270C-SIM	ND	A10	1
Acenaphthylene	ND	mg/kg	0.015	0.0046	EPA-8270C-SIM	ND	A10	1
Anthracene	ND	mg/kg	0.015	0.0040	EPA-8270C-SIM	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	0.015	0.0048	EPA-8270C-SIM	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.015	0.0040	EPA-8270C-SIM	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.015	0.0055	EPA-8270C-SIM	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	0.015	0.0039	EPA-8270C-SIM	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.015	0.0036	EPA-8270C-SIM	ND	A10	1
Chrysene	ND	mg/kg	0.015	0.0055	EPA-8270C-SIM	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.015	0.0024	EPA-8270C-SIM	ND	A10	1
Fluoranthene	ND	mg/kg	0.015	0.0038	EPA-8270C-SIM	ND	A10	1
Fluorene	ND	mg/kg	0.015	0.0048	EPA-8270C-SIM	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.015	0.0024	EPA-8270C-SIM	ND	A10	1
Naphthalene	ND	mg/kg	0.015	0.0045	EPA-8270C-SIM	ND	A10	1
Phenanthrene	ND	mg/kg	0.015	0.0043	EPA-8270C-SIM	ND	A10	1
Pyrene	ND	mg/kg	0.015	0.0060	EPA-8270C-SIM	ND	A10	1
Nitrobenzene-d5 (Surrogate)	60.6	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
2-Fluorobiphenyl (Surrogate)	97.0	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
p-Terphenyl-d14 (Surrogate)	72.7	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 20:16	OLH	MS-B4	4.866	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-31 | **Client Sample Name:** SS-25, 6/18/2021 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	1000	220	EPA-8015B/FFP	ND	A01	1
TPH - Hydraulic Oil / Motor Oil	**27000**	**mg/kg**	**2000**	**700**	**EPA-8015B/FFP**	ND	**A01,A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 20:11	BUP	GC-13	99.010	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-31 | **Client Sample Name:** SS-25, 6/18/2021 11:20:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.4**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**46**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.22**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	**0.60**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	ND		1
Chromium	**22**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.21		1
Cobalt	**3.5**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND		1
Copper	**17**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	ND		1
Lead	**5.7**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**13**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	0.16		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**20**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**72**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:43	JCC	PE-OP3	0.935	B113490	EPA 3050B
2	EPA-7471A	06/30/21 11:15	07/01/21 10:45	TMT	CETAC3	0.977	B113137	EPA 7471A

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-32 | **Client Sample Name:** SS-26, 6/18/2021 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	S08,Z1	1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND	S08,Z1	1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	S08,Z1	1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	S08,Z1	1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND	S08,Z1	1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND	S08,Z1	1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	S08,Z1	1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND	S08,Z1	1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	S08,Z1	1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND	S08,Z1	1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND	S08,Z1	1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	S08,Z1	1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	S08,Z1	1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND	S08,Z1	1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND	S08,Z1	1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	S08,Z1	1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	S08,Z1	1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	S08,Z1	1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND	S08,Z1	1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND	S08,Z1	1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND	S08,Z1	1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND	S08,Z1	1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1

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Tetra Tech, Inc.- Santa Barbara
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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-32 | **Client Sample Name:** SS-26, 6/18/2021 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	S08,Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	S08,Z1	1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND	S08,Z1	1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND	S08,Z1	1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	S08,Z1	1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND	S08,Z1	1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND	S08,Z1	1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND	S08,Z1	1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	S08,Z1	1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND	S08,Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND	S08,Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND	S08,Z1	1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND	S08,Z1	1
Toluene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND	S08,Z1	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	S08,Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND	S08,Z1	1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND	S08,Z1	1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND	S08,Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND	S08,Z1	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	S08,Z1	1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	S08,Z1	1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND	S08,Z1	1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND	S08,Z1	1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND	S08,Z1	1
Total Purgeable Petroleum Hydrocarbons	**0.27**	**mg/kg**	**0.20**	**0.058**	**Luft-GC/MS**		**S08,Z1**	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-32 | **Client Sample Name:** SS-26, 6/18/2021 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,2-Dichloroethane-d4 (Surrogate)	118	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	69.6	%	81 - 117 (LCL - UCL)		EPA-8260B		A20,S09	1
4-Bromofluorobenzene (Surrogate)	72.8	%	74 - 121 (LCL - UCL)		EPA-8260B		A20,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	06/28/21 09:33	06/30/21 14:48	BYM	MS-V18	1.099	B112833	EPA 5035 Soil MS

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-32 | **Client Sample Name:** SS-26, 6/18/2021 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-32 | **Client Sample Name:** SS-26, 6/18/2021 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-32 | **Client Sample Name:** SS-26, 6/18/2021 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	24.0	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1
Phenol-d5 (Surrogate)	20.9	%	30 - 130 (LCL - UCL)		EPA-8270C		A10,S09	1
Nitrobenzene-d5 (Surrogate)	21.8	%	30 - 130 (LCL - UCL)		EPA-8270C		A10,S09	1
2-Fluorobiphenyl (Surrogate)	24.0	%	30 - 140 (LCL - UCL)		EPA-8270C		A10,S09	1
2,4,6-Tribromophenol (Surrogate)	30.6	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1
p-Terphenyl-d14 (Surrogate)	41.2	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 07:34	CMM	MS-B2	9.798	B113433	EPA 3550B

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-32 | **Client Sample Name:** SS-26, 6/18/2021 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.030	0.013	EPA-8270C-SIM	ND	A10	1
Acenaphthylene	ND	mg/kg	0.030	0.0092	EPA-8270C-SIM	ND	A10	1
Anthracene	ND	mg/kg	0.030	0.0081	EPA-8270C-SIM	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	0.030	0.0096	EPA-8270C-SIM	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.030	0.0079	EPA-8270C-SIM	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.030	0.011	EPA-8270C-SIM	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	0.030	0.0078	EPA-8270C-SIM	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.030	0.0072	EPA-8270C-SIM	ND	A10	1
Chrysene	ND	mg/kg	0.030	0.011	EPA-8270C-SIM	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.030	0.0048	EPA-8270C-SIM	ND	A10	1
Fluoranthene	ND	mg/kg	0.030	0.0075	EPA-8270C-SIM	ND	A10	1
Fluorene	ND	mg/kg	0.030	0.0097	EPA-8270C-SIM	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.030	0.0047	EPA-8270C-SIM	ND	A10	1
Naphthalene	ND	mg/kg	0.030	0.0090	EPA-8270C-SIM	ND	A10	1
Phenanthrene	ND	mg/kg	0.030	0.0086	EPA-8270C-SIM	ND	A10	1
Pyrene	ND	mg/kg	0.030	0.012	EPA-8270C-SIM	ND	A10	1
Nitrobenzene-d5 (Surrogate)	45.0	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
2-Fluorobiphenyl (Surrogate)	47.5	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
p-Terphenyl-d14 (Surrogate)	62.5	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 20:41	OLH	MS-B4	10.033	B113331	EPA 3550B

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-32 | **Client Sample Name:** SS-26, 6/18/2021 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	**8100**	**mg/kg**	**2000**	**440**	**EPA-8015B/FFP**	ND	**A01,A52**	1
TPH - Hydraulic Oil / Motor Oil	**33000**	**mg/kg**	**4000**	**1400**	**EPA-8015B/FFP**	ND	**A01,A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	07/01/21 08:42	BUP	GC-13	198.68	B113144	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-32 | **Client Sample Name:** SS-26, 6/18/2021 11:40:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.5**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**37**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.19**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	**0.43**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	ND	**J**	1
Chromium	**9.6**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.22		1
Cobalt	**2.7**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND		1
Copper	**26**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	ND		1
Lead	**5.1**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**6.2**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	0.17		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**18**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**60**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:45	JCC	PE-OP3	1	B113490	EPA 3050B
2	EPA-7471A	06/30/21 11:15	07/01/21 10:48	TMT	CETAC3	1.025	B113137	EPA 7471A

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-33 | **Client Sample Name:** SS-27, 6/18/2021 11:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	**0.0033**	**mg/kg**	**0.0050**	**0.00067**	**EPA-8260B**	ND	**J**	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-33 | **Client Sample Name:** SS-27, 6/18/2021 11:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND		1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	**0.0022**	**mg/kg**	**0.0050**	**0.00069**	**EPA-8260B**	ND	**J**	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND		1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND		1
Total Purgeable Petroleum Hydrocarbons	**0.11**	**mg/kg**	**0.20**	**0.058**	**Luft-GC/MS**		**J**	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-33 | **Client Sample Name:** SS-27, 6/18/2021 11:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,2-Dichloroethane-d4 (Surrogate)	109	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	95.0	%	81 - 117 (LCL - UCL)		EPA-8260B			1
4-Bromofluorobenzene (Surrogate)	78.6	%	74 - 121 (LCL - UCL)		EPA-8260B			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	06/28/21 09:33	06/30/21 02:46	BYM	MS-V18	0.933	B112833	EPA 5035 Soil MS

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-33 | **Client Sample Name:** SS-27, 6/18/2021 11:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Aniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzidine	ND	mg/kg	3.0	0.0093	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.10	0.0082	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	0.50	0.014	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.10	0.0075	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.10	0.0097	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,4'-DDE	**0.12**	**mg/kg**	**0.10**	**0.0068**	**EPA-8270C**	ND		1
4,4'-DDT	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-33 | **Client Sample Name:** SS-27, 6/18/2021 11:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.10	0.0077	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.10	0.0085	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	0.20	0.0088	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Endrin	ND	mg/kg	0.20	0.0086	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	0.50	0.0070	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.10	0.013	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.10	0.015	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.10	0.0069	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	3.0	0.036	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-33 | **Client Sample Name:** SS-27, 6/18/2021 11:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.10	0.040	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	0.50	0.0067	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	0.20	0.014	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	0.20	0.018	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	0.20	0.017	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.10	0.0067	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	0.20	0.011	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	0.20	0.0067	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	70.5	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	66.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	65.6	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	81.0	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	89.0	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	123	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 05:27	CMM	MS-B2	1.003	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-33 | **Client Sample Name:** SS-27, 6/18/2021 11:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.0030	0.0013	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.0030	0.00092	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.0030	0.00081	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.0030	0.00096	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.0030	0.00079	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.0030	0.00078	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.0030	0.00072	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.0030	0.0011	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.0030	0.00048	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.0030	0.00075	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.0030	0.00097	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.0030	0.00047	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.0030	0.00090	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.0030	0.00086	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.0030	0.0012	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	87.8	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	99.4	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	97.9	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 19:01	OLH	MS-B4	0.976	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-33 | **Client Sample Name:** SS-27, 6/18/2021 11:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	**20**	**mg/kg**	**10**	**2.2**	**EPA-8015B/FFP**	ND	**A52**	1
TPH - Hydraulic Oil / Motor Oil	**71**	**mg/kg**	**20**	**7.0**	**EPA-8015B/FFP**	ND	**A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 14:31	BUP	GC-13	0.997	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-33 | **Client Sample Name:** SS-27, 6/18/2021 11:55:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**3.1**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**45**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.23**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	**0.53**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	ND		1
Chromium	**9.4**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.21		1
Cobalt	**3.5**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND		1
Copper	**12**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	ND		1
Lead	**7.2**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**7.3**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	0.16		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**20**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**55**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:47	JCC	PE-OP3	0.926	B113490	EPA 3050B
2	EPA-7471A	06/30/21 11:15	07/01/21 10:50	TMT	CETAC3	1.008	B113137	EPA 7471A

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-34 | **Client Sample Name:** SS-28, 6/18/2021 12:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0043	0.00058	EPA-8260B	ND	S08,Z1	1
Bromobenzene	ND	mg/kg	0.0043	0.00075	EPA-8260B	ND	S08,Z1	1
Bromochloromethane	ND	mg/kg	0.0043	0.00070	EPA-8260B	ND	S08,Z1	1
Bromodichloromethane	ND	mg/kg	0.0043	0.00067	EPA-8260B	ND	S08,Z1	1
Bromoform	ND	mg/kg	0.0043	0.00060	EPA-8260B	ND	S08,Z1	1
Bromomethane	ND	mg/kg	0.0043	0.0015	EPA-8260B	ND	S08,Z1	1
n-Butylbenzene	ND	mg/kg	0.0043	0.00066	EPA-8260B	ND	S08,Z1	1
sec-Butylbenzene	ND	mg/kg	0.0043	0.00061	EPA-8260B	ND	S08,Z1	1
tert-Butylbenzene	ND	mg/kg	0.0043	0.00073	EPA-8260B	ND	S08,Z1	1
Carbon tetrachloride	ND	mg/kg	0.0043	0.00067	EPA-8260B	ND	S08,Z1	1
Chlorobenzene	ND	mg/kg	0.0043	0.00066	EPA-8260B	ND	S08,Z1	1
Chloroethane	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND	S08,Z1	1
Chloroform	ND	mg/kg	0.0043	0.00078	EPA-8260B	ND	S08,Z1	1
Chloromethane	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND	S08,Z1	1
2-Chlorotoluene	ND	mg/kg	0.0043	0.00075	EPA-8260B	ND	S08,Z1	1
4-Chlorotoluene	ND	mg/kg	0.0043	0.00060	EPA-8260B	ND	S08,Z1	1
Dibromochloromethane	ND	mg/kg	0.0043	0.00069	EPA-8260B	ND	S08,Z1	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0043	0.00083	EPA-8260B	ND	S08,Z1	1
1,2-Dibromoethane	ND	mg/kg	0.0043	0.00071	EPA-8260B	ND	S08,Z1	1
Dibromomethane	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND	S08,Z1	1
1,2-Dichlorobenzene	ND	mg/kg	0.0043	0.00068	EPA-8260B	ND	S08,Z1	1
1,3-Dichlorobenzene	ND	mg/kg	0.0043	0.00063	EPA-8260B	ND	S08,Z1	1
1,4-Dichlorobenzene	ND	mg/kg	0.0043	0.00063	EPA-8260B	ND	S08,Z1	1
Dichlorodifluoromethane	ND	mg/kg	0.0043	0.00068	EPA-8260B	ND	S08,Z1	1
1,1-Dichloroethane	ND	mg/kg	0.0043	0.00055	EPA-8260B	ND	S08,Z1	1
1,2-Dichloroethane	ND	mg/kg	0.0043	0.00063	EPA-8260B	ND	S08,Z1	1
1,1-Dichloroethene	ND	mg/kg	0.0043	0.00095	EPA-8260B	ND	S08,Z1	1
cis-1,2-Dichloroethene	ND	mg/kg	0.0043	0.00047	EPA-8260B	ND	S08,Z1	1
trans-1,2-Dichloroethene	ND	mg/kg	0.0043	0.0032	EPA-8260B	ND	S08,Z1	1
Total 1,2-Dichloroethene	ND	mg/kg	0.0086	0.0037	EPA-8260B	ND	S08,Z1	1
1,2-Dichloropropane	ND	mg/kg	0.0043	0.00069	EPA-8260B	ND	S08,Z1	1
1,3-Dichloropropane	ND	mg/kg	0.0043	0.00058	EPA-8260B	ND	S08,Z1	1
2,2-Dichloropropane	ND	mg/kg	0.0043	0.00058	EPA-8260B	ND	S08,Z1	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-34 | **Client Sample Name:** SS-28, 6/18/2021 12:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0043	0.00058	EPA-8260B	ND	S08,Z1	1
cis-1,3-Dichloropropene	ND	mg/kg	0.0043	0.00050	EPA-8260B	ND	S08,Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.0043	0.00057	EPA-8260B	ND	S08,Z1	1
Total 1,3-Dichloropropene	ND	mg/kg	0.0086	0.0011	EPA-8260B	ND	S08,Z1	1
Ethylbenzene	ND	mg/kg	0.0043	0.00059	EPA-8260B	ND	S08,Z1	1
Hexachlorobutadiene	ND	mg/kg	0.0043	0.00058	EPA-8260B	ND	S08,Z1	1
Isopropylbenzene	ND	mg/kg	0.0043	0.00069	EPA-8260B	ND	S08,Z1	1
p-Isopropyltoluene	ND	mg/kg	0.0043	0.00051	EPA-8260B	ND	S08,Z1	1
Methylene chloride	ND	mg/kg	0.0086	0.00095	EPA-8260B	ND	S08,Z1	1
Methyl t-butyl ether	ND	mg/kg	0.0043	0.00048	EPA-8260B	ND	S08,Z1	1
Naphthalene	**0.0012**	**mg/kg**	**0.0043**	**0.00085**	**EPA-8260B**	ND	**J,S08,Z1**	1
n-Propylbenzene	ND	mg/kg	0.0043	0.00061	EPA-8260B	ND	S08,Z1	1
Styrene	ND	mg/kg	0.0043	0.00053	EPA-8260B	ND	S08,Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0043	0.00082	EPA-8260B	ND	S08,Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0043	0.00072	EPA-8260B	ND	S08,Z1	1
Tetrachloroethene	ND	mg/kg	0.0043	0.00084	EPA-8260B	ND	S08,Z1	1
Toluene	**0.0010**	**mg/kg**	**0.0043**	**0.00059**	**EPA-8260B**	ND	**J,S08,Z1**	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND	S08,Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0043	0.0012	EPA-8260B	ND	S08,Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.0043	0.00058	EPA-8260B	ND	S08,Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.0043	0.00081	EPA-8260B	ND	S08,Z1	1
Trichloroethene	ND	mg/kg	0.0043	0.00064	EPA-8260B	ND	S08,Z1	1
Trichlorofluoromethane	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND	S08,Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.0043	0.0016	EPA-8260B	ND	S08,Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0043	0.00086	EPA-8260B	ND	S08,Z1	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0043	0.00069	EPA-8260B	ND	S08,Z1	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0043	0.00057	EPA-8260B	ND	S08,Z1	1
Vinyl chloride	ND	mg/kg	0.0043	0.00051	EPA-8260B	ND	S08,Z1	1
Total Xylenes	ND	mg/kg	0.0086	0.0022	EPA-8260B	ND	S08,Z1	1
Total Trihalomethanes	ND	mg/kg	0.017	0.0028	EPA-8260B	ND	S08,Z1	1
p- & m-Xylenes	ND	mg/kg	0.0043	0.0013	EPA-8260B	ND	S08,Z1	1
o-Xylene	ND	mg/kg	0.0043	0.00080	EPA-8260B	ND	S08,Z1	1
Total Purgeable Petroleum Hydrocarbons	**0.36**	**mg/kg**	**0.17**	**0.050**	**Luft-GC/MS**		**S08,Z1**	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-34 | **Client Sample Name:** SS-28, 6/18/2021 12:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,2-Dichloroethane-d4 (Surrogate)	126	%	70 - 121 (LCL - UCL)		EPA-8260B		S09	1
Toluene-d8 (Surrogate)	67.0	%	81 - 117 (LCL - UCL)		EPA-8260B		A20,S09	1
4-Bromofluorobenzene (Surrogate)	70.5	%	74 - 121 (LCL - UCL)		EPA-8260B		A20,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	06/28/21 09:33	06/30/21 15:15	BYM	MS-V18	0.862	B112833	EPA 5035 Soil MS

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-34 | **Client Sample Name:** SS-28, 6/18/2021 12:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	12	0.64	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	170	0.54	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	5.8	0.45	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	5.8	0.48	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	5.8	0.76	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	29	0.81	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	5.8	0.44	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	5.8	0.56	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	12	0.39	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	5.8	0.87	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	5.8	0.40	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-34 | **Client Sample Name:** SS-28, 6/18/2021 12:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	12	0.39	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	5.8	0.45	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	5.8	0.49	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	12	0.51	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	12	0.51	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	12	0.50	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	29	0.41	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	5.8	0.76	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	5.8	0.87	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	5.8	0.40	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	170	2.1	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	12	0.39	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	12	0.64	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-34 | **Client Sample Name:** SS-28, 6/18/2021 12:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	5.8	2.3	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	12	0.39	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	29	0.39	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	29	0.39	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	12	0.81	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	12	1.0	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	12	0.99	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	5.8	0.39	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	12	0.64	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	12	0.39	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	71.1	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1
Phenol-d5 (Surrogate)	62.1	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
Nitrobenzene-d5 (Surrogate)	63.5	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
2-Fluorobiphenyl (Surrogate)	74.7	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1
2,4,6-Tribromophenol (Surrogate)	66.4	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1
p-Terphenyl-d14 (Surrogate)	118	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 08:00	CMM	MS-B2	58.200	B113433	EPA 3550B

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-34 | **Client Sample Name:** SS-28, 6/18/2021 12:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.089	0.039	EPA-8270C-SIM	ND	A10	1
Acenaphthylene	ND	mg/kg	0.089	0.027	EPA-8270C-SIM	ND	A10	1
Anthracene	ND	mg/kg	0.089	0.024	EPA-8270C-SIM	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	0.089	0.029	EPA-8270C-SIM	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.089	0.023	EPA-8270C-SIM	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.089	0.033	EPA-8270C-SIM	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	0.089	0.023	EPA-8270C-SIM	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.089	0.021	EPA-8270C-SIM	ND	A10	1
Chrysene	ND	mg/kg	0.089	0.033	EPA-8270C-SIM	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.089	0.014	EPA-8270C-SIM	ND	A10	1
Fluoranthene	ND	mg/kg	0.089	0.022	EPA-8270C-SIM	ND	A10	1
Fluorene	ND	mg/kg	0.089	0.029	EPA-8270C-SIM	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.089	0.014	EPA-8270C-SIM	ND	A10	1
Naphthalene	ND	mg/kg	0.089	0.027	EPA-8270C-SIM	ND	A10	1
Phenanthrene	ND	mg/kg	0.089	0.026	EPA-8270C-SIM	ND	A10	1
Pyrene	ND	mg/kg	0.089	0.036	EPA-8270C-SIM	ND	A10	1
Nitrobenzene-d5 (Surrogate)	35.9	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
2-Fluorobiphenyl (Surrogate)	44.6	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
p-Terphenyl-d14 (Surrogate)	39.6	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 21:06	OLH	MS-B4	29.700	B113331	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-34 | **Client Sample Name:** SS-28, 6/18/2021 12:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	5700	1200	EPA-8015B/FFP	ND	A01	1
TPH - Hydraulic Oil / Motor Oil	**74000**	**mg/kg**	**11000**	**4000**	**EPA-8015B/FFP**	ND	**A01,A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 21:19	BUP	GC-13	566.04	B113144	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-34 | **Client Sample Name:** SS-28, 6/18/2021 12:10:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.8**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**46**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.20**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	**0.45**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	ND	**J**	1
Chromium	**9.3**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.21		1
Cobalt	**2.9**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND		1
Copper	**27**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	ND		1
Lead	**7.1**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	**2.6**	**mg/kg**	**2.5**	**0.050**	**EPA-6010B**	ND		1
Nickel	**6.3**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	0.16		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**19**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**200**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:49	JCC	PE-OP3	0.952	B113490	EPA 3050B
2	EPA-7471A	06/30/21 11:15	07/01/21 10:52	TMT	CETAC3	1.025	B113137	EPA 7471A

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-35 | **Client Sample Name:** SS-29, 6/18/2021 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	S08,Z1	1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND	S08,Z1	1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	S08,Z1	1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	S08,Z1	1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND	S08,Z1	1
n-Butylbenzene	ND	mg/kg	0.0050	0.00076	EPA-8260B	ND	S08,Z1	1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	S08,Z1	1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND	S08,Z1	1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND	S08,Z1	1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND	S08,Z1	1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND	S08,Z1	1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND	S08,Z1	1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND	S08,Z1	1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND	S08,Z1	1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND	S08,Z1	1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	S08,Z1	1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	S08,Z1	1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND	S08,Z1	1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND	S08,Z1	1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND	S08,Z1	1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND	S08,Z1	1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND	S08,Z1	1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND	S08,Z1	1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND	S08,Z1	1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-35 | **Client Sample Name:** SS-29, 6/18/2021 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND	S08,Z1	1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	S08,Z1	1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND	S08,Z1	1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND	S08,Z1	1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
p-Isopropyltoluene	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	S08,Z1	1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND	S08,Z1	1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND	S08,Z1	1
Naphthalene	ND	mg/kg	0.0050	0.00099	EPA-8260B	ND	S08,Z1	1
n-Propylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND	S08,Z1	1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND	S08,Z1	1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND	S08,Z1	1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND	S08,Z1	1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND	S08,Z1	1
Toluene	**0.00096**	**mg/kg**	**0.0050**	**0.00069**	**EPA-8260B**	ND	**J,S08,Z1**	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND	S08,Z1	1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND	S08,Z1	1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND	S08,Z1	1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND	S08,Z1	1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND	S08,Z1	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND	S08,Z1	1
1,2,4-Trimethylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND	S08,Z1	1
1,3,5-Trimethylbenzene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND	S08,Z1	1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND	S08,Z1	1
Total Xylenes	ND	mg/kg	0.010	0.0025	EPA-8260B	ND	S08,Z1	1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND	S08,Z1	1
p- & m-Xylenes	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND	S08,Z1	1
o-Xylene	ND	mg/kg	0.0050	0.00093	EPA-8260B	ND	S08,Z1	1
Total Purgeable Petroleum Hydrocarbons	**0.21**	**mg/kg**	**0.20**	**0.058**	**Luft-GC/MS**		**S08,Z1**	1

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-35 | **Client Sample Name:** SS-29, 6/18/2021 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,2-Dichloroethane-d4 (Surrogate)	114	%	70 - 121 (LCL - UCL)		EPA-8260B			1
Toluene-d8 (Surrogate)	79.5	%	81 - 117 (LCL - UCL)		EPA-8260B		A20,S09	1
4-Bromofluorobenzene (Surrogate)	72.5	%	74 - 121 (LCL - UCL)		EPA-8260B		A20,S09	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	06/28/21 09:33	06/30/21 15:42	BYM	MS-V18	0.911	B112833	EPA 5035 Soil MS

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-35 | **Client Sample Name:** SS-29, 6/18/2021 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-35 | **Client Sample Name:** SS-29, 6/18/2021 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-35 | **Client Sample Name:** SS-29, 6/18/2021 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	44.5	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1
Phenol-d5 (Surrogate)	41.0	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
Nitrobenzene-d5 (Surrogate)	38.2	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
2-Fluorobiphenyl (Surrogate)	54.2	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1
2,4,6-Tribromophenol (Surrogate)	43.7	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1
p-Terphenyl-d14 (Surrogate)	76.5	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 08:25	CMM	MS-B2	9.868	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-35 | **Client Sample Name:** SS-29, 6/18/2021 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.015	0.0065	EPA-8270C-SIM	ND	A10	1
Acenaphthylene	ND	mg/kg	0.015	0.0046	EPA-8270C-SIM	ND	A10	1
Anthracene	ND	mg/kg	0.015	0.0040	EPA-8270C-SIM	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	0.015	0.0048	EPA-8270C-SIM	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.015	0.0040	EPA-8270C-SIM	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.015	0.0055	EPA-8270C-SIM	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	0.015	0.0039	EPA-8270C-SIM	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.015	0.0036	EPA-8270C-SIM	ND	A10	1
Chrysene	ND	mg/kg	0.015	0.0055	EPA-8270C-SIM	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.015	0.0024	EPA-8270C-SIM	ND	A10	1
Fluoranthene	ND	mg/kg	0.015	0.0038	EPA-8270C-SIM	ND	A10	1
Fluorene	ND	mg/kg	0.015	0.0048	EPA-8270C-SIM	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.015	0.0024	EPA-8270C-SIM	ND	A10	1
Naphthalene	ND	mg/kg	0.015	0.0045	EPA-8270C-SIM	ND	A10	1
Phenanthrene	ND	mg/kg	0.015	0.0043	EPA-8270C-SIM	ND	A10	1
Pyrene	ND	mg/kg	0.015	0.0060	EPA-8270C-SIM	ND	A10	1
Nitrobenzene-d5 (Surrogate)	33.3	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
2-Fluorobiphenyl (Surrogate)	52.3	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
p-Terphenyl-d14 (Surrogate)	40.4	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 21:31	OLH	MS-B4	4.831	B113331	EPA 3550B

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-35 | **Client Sample Name:** SS-29, 6/18/2021 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	ND	mg/kg	1000	220	EPA-8015B/FFP	ND	A01	1
TPH - Hydraulic Oil / Motor Oil	**25000**	**mg/kg**	**2000**	**700**	**EPA-8015B/FFP**	ND	**A01,A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	07/01/21 09:04	BUP	GC-13	101.35	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-35 | **Client Sample Name:** SS-29, 6/18/2021 12:20:00PM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.5**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**46**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.21**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	**0.71**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	ND		1
Chromium	**9.3**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.22		1
Cobalt	**3.0**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND		1
Copper	**13**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	ND		1
Lead	**10**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**7.3**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	0.17		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**19**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**66**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:50	JCC	PE-OP3	1	B113490	EPA 3050B
2	EPA-7471A	06/30/21 11:15	07/01/21 10:54	TMT	CETAC3	0.962	B113137	EPA 7471A

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-40 | **Client Sample Name:** Dup1, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Acenaphthylene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Aldrin	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Aniline	ND	mg/kg	1.1	0.058	EPA-8270C	ND		1
Anthracene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Benzidine	ND	mg/kg	16	0.049	EPA-8270C	ND		1
Benzo[a]anthracene	ND	mg/kg	0.53	0.041	EPA-8270C	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.53	0.043	EPA-8270C	ND		1
Benzo[a]pyrene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.53	0.069	EPA-8270C	ND		1
Benzoic acid	ND	mg/kg	2.7	0.074	EPA-8270C	ND		1
Benzyl alcohol	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Benzyl butyl phthalate	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
alpha-BHC	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
beta-BHC	ND	mg/kg	0.53	0.040	EPA-8270C	ND		1
delta-BHC	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
gamma-BHC (Lindane)	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
bis(2-Chloroethoxy)methane	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
bis(2-Chloroethyl) ether	ND	mg/kg	0.53	0.051	EPA-8270C	ND		1
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	1.1	0.036	EPA-8270C	ND		1
4-Bromophenyl phenyl ether	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
4-Chloroaniline	ND	mg/kg	0.53	0.080	EPA-8270C	ND		1
2-Chloronaphthalene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
4-Chlorophenyl phenyl ether	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Chrysene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
4,4'-DDD	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
4,4'-DDE	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
4,4'-DDT	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Dibenzofuran	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-40 | **Client Sample Name:** Dup1, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
3,3-Dichlorobenzidine	ND	mg/kg	1.1	0.036	EPA-8270C	ND		1
Dieldrin	ND	mg/kg	0.53	0.041	EPA-8270C	ND		1
Diethyl phthalate	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Dimethyl phthalate	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Di-n-butyl phthalate	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
2,4-Dinitrotoluene	ND	mg/kg	0.53	0.045	EPA-8270C	ND		1
2,6-Dinitrotoluene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Di-n-octyl phthalate	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
1,2-Diphenylhydrazine	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Endosulfan I	ND	mg/kg	1.1	0.047	EPA-8270C	ND		1
Endosulfan II	ND	mg/kg	1.1	0.047	EPA-8270C	ND		1
Endosulfan sulfate	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Endrin	ND	mg/kg	1.1	0.046	EPA-8270C	ND		1
Endrin aldehyde	ND	mg/kg	2.7	0.037	EPA-8270C	ND		1
Fluoranthene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Fluorene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Heptachlor	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Heptachlor epoxide	ND	mg/kg	0.53	0.069	EPA-8270C	ND		1
Hexachlorobenzene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Hexachlorobutadiene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Hexachlorocyclopentadiene	ND	mg/kg	0.53	0.080	EPA-8270C	ND		1
Hexachloroethane	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.53	0.037	EPA-8270C	ND		1
Isophorone	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
2-Methylnaphthalene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Naphthalene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
2-Naphthylamine	ND	mg/kg	16	0.19	EPA-8270C	ND		1
2-Nitroaniline	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
3-Nitroaniline	ND	mg/kg	1.1	0.036	EPA-8270C	ND		1
4-Nitroaniline	ND	mg/kg	1.1	0.058	EPA-8270C	ND		1
Nitrobenzene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-40 | **Client Sample Name:** Dup1, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	0.53	0.21	EPA-8270C	ND		1
N-Nitrosodi-N-propylamine	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
N-Nitrosodiphenylamine	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Phenanthrene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
Pyrene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
4-Chloro-3-methylphenol	ND	mg/kg	1.1	0.036	EPA-8270C	ND		1
2-Chlorophenol	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
2,4-Dichlorophenol	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
2,4-Dimethylphenol	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
4,6-Dinitro-2-methylphenol	ND	mg/kg	2.7	0.036	EPA-8270C	ND		1
2,4-Dinitrophenol	ND	mg/kg	2.7	0.036	EPA-8270C	ND		1
2-Methylphenol	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
3- & 4-Methylphenol	ND	mg/kg	1.1	0.074	EPA-8270C	ND		1
2-Nitrophenol	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
4-Nitrophenol	ND	mg/kg	1.1	0.095	EPA-8270C	ND		1
Pentachlorophenol	ND	mg/kg	1.1	0.090	EPA-8270C	ND		1
Phenol	ND	mg/kg	0.53	0.036	EPA-8270C	ND		1
2,4,5-Trichlorophenol	ND	mg/kg	1.1	0.058	EPA-8270C	ND		1
2,4,6-Trichlorophenol	ND	mg/kg	1.1	0.036	EPA-8270C	ND		1
2-Fluorophenol (Surrogate)	86.0	%	20 - 130 (LCL - UCL)		EPA-8270C			1
Phenol-d5 (Surrogate)	81.8	%	30 - 130 (LCL - UCL)		EPA-8270C			1
Nitrobenzene-d5 (Surrogate)	99.4	%	30 - 130 (LCL - UCL)		EPA-8270C			1
2-Fluorobiphenyl (Surrogate)	94.4	%	30 - 140 (LCL - UCL)		EPA-8270C			1
2,4,6-Tribromophenol (Surrogate)	83.8	%	20 - 150 (LCL - UCL)		EPA-8270C			1
p-Terphenyl-d14 (Surrogate)	120	%	30 - 150 (LCL - UCL)		EPA-8270C			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 05:53	CMM	MS-B2	5.304	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-40 | **Client Sample Name:** Dup1, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.017	0.0073	EPA-8270C-SIM	ND		1
Acenaphthylene	ND	mg/kg	0.017	0.0051	EPA-8270C-SIM	ND		1
Anthracene	ND	mg/kg	0.017	0.0045	EPA-8270C-SIM	ND		1
Benzo[a]anthracene	ND	mg/kg	0.017	0.0054	EPA-8270C-SIM	ND		1
Benzo[b]fluoranthene	ND	mg/kg	0.017	0.0044	EPA-8270C-SIM	ND		1
Benzo[k]fluoranthene	ND	mg/kg	0.017	0.0062	EPA-8270C-SIM	ND		1
Benzo[a]pyrene	ND	mg/kg	0.017	0.0044	EPA-8270C-SIM	ND		1
Benzo[g,h,i]perylene	ND	mg/kg	0.017	0.0040	EPA-8270C-SIM	ND		1
Chrysene	ND	mg/kg	0.017	0.0062	EPA-8270C-SIM	ND		1
Dibenzo[a,h]anthracene	ND	mg/kg	0.017	0.0027	EPA-8270C-SIM	ND		1
Fluoranthene	ND	mg/kg	0.017	0.0042	EPA-8270C-SIM	ND		1
Fluorene	ND	mg/kg	0.017	0.0054	EPA-8270C-SIM	ND		1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.017	0.0026	EPA-8270C-SIM	ND		1
Naphthalene	ND	mg/kg	0.017	0.0050	EPA-8270C-SIM	ND		1
Phenanthrene	ND	mg/kg	0.017	0.0048	EPA-8270C-SIM	ND		1
Pyrene	ND	mg/kg	0.017	0.0067	EPA-8270C-SIM	ND		1
Nitrobenzene-d5 (Surrogate)	84.4	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1
2-Fluorobiphenyl (Surrogate)	92.6	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM			1
p-Terphenyl-d14 (Surrogate)	95.8	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	06/30/21 19:26	OLH	MS-B4	5.596	B113331	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-40 | **Client Sample Name:** Dup1, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	**48**	**mg/kg**	**60**	**13**	**EPA-8015B/FFP**	ND	**J,A52**	1
TPH - Hydraulic Oil / Motor Oil	**220**	**mg/kg**	**120**	**42**	**EPA-8015B/FFP**	ND	**A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 16:47	BUP	GC-13	6	B113144	EPA 3550B

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-40 | **Client Sample Name:** Dup1, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Arsenic	**2.4**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:52	JCC	PE-OP3	0.909	B113490	EPA 3050B

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

BCL Sample ID: 2119955-41 | **Client Sample Name:** Dup2, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
PCB-1016	ND	mg/kg	0.60	0.14	EPA-8082	ND	A10	1
PCB-1221	ND	mg/kg	0.60	0.20	EPA-8082	ND	A10	1
PCB-1232	ND	mg/kg	0.60	0.16	EPA-8082	ND	A10	1
PCB-1242	ND	mg/kg	0.60	0.090	EPA-8082	ND	A10	1
PCB-1248	ND	mg/kg	0.60	0.13	EPA-8082	ND	A10	1
PCB-1254	ND	mg/kg	0.60	0.096	EPA-8082	ND	A10	1
PCB-1260	ND	mg/kg	0.60	0.11	EPA-8082	ND	A10	1
Total PCB's (Summation)	ND	mg/kg	0.60	0.30	EPA-8082	ND	A10	1
Decachlorobiphenyl (Surrogate)	16.7	%	40 - 120 (LCL - UCL)		EPA-8082		A10,A20	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8082	06/28/21 13:40	06/29/21 17:25	HKS	GC-14	60	B113043	EPA 3550B

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-42 | **Client Sample Name:** Dup3, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Bromobenzene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
Bromochloromethane	ND	mg/kg	0.0050	0.00081	EPA-8260B	ND		1
Bromodichloromethane	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Bromoform	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Bromomethane	ND	mg/kg	0.0050	0.0017	EPA-8260B	ND		1
n-Butylbenzene	**0.029**	**mg/kg**	**0.0050**	**0.00076**	**EPA-8260B**	ND		1
sec-Butylbenzene	ND	mg/kg	0.0050	0.00071	EPA-8260B	ND		1
tert-Butylbenzene	ND	mg/kg	0.0050	0.00085	EPA-8260B	ND		1
Carbon tetrachloride	ND	mg/kg	0.0050	0.00078	EPA-8260B	ND		1
Chlorobenzene	ND	mg/kg	0.0050	0.00077	EPA-8260B	ND		1
Chloroethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
Chloroform	ND	mg/kg	0.0050	0.00090	EPA-8260B	ND		1
Chloromethane	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
2-Chlorotoluene	ND	mg/kg	0.0050	0.00087	EPA-8260B	ND		1
4-Chlorotoluene	ND	mg/kg	0.0050	0.00070	EPA-8260B	ND		1
Dibromochloromethane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0050	0.00096	EPA-8260B	ND		1
1,2-Dibromoethane	ND	mg/kg	0.0050	0.00082	EPA-8260B	ND		1
Dibromomethane	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,2-Dichlorobenzene	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,3-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,4-Dichlorobenzene	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
Dichlorodifluoromethane	ND	mg/kg	0.0050	0.00079	EPA-8260B	ND		1
1,1-Dichloroethane	ND	mg/kg	0.0050	0.00064	EPA-8260B	ND		1
1,2-Dichloroethane	ND	mg/kg	0.0050	0.00073	EPA-8260B	ND		1
1,1-Dichloroethene	ND	mg/kg	0.0050	0.0011	EPA-8260B	ND		1
cis-1,2-Dichloroethene	ND	mg/kg	0.0050	0.00054	EPA-8260B	ND		1
trans-1,2-Dichloroethene	ND	mg/kg	0.0050	0.0037	EPA-8260B	ND		1
Total 1,2-Dichloroethene	ND	mg/kg	0.010	0.0043	EPA-8260B	ND		1
1,2-Dichloropropane	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
1,3-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
2,2-Dichloropropane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1

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5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-42 | **Client Sample Name:** Dup3, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,1-Dichloropropene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
cis-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00058	EPA-8260B	ND		1
trans-1,3-Dichloropropene	ND	mg/kg	0.0050	0.00066	EPA-8260B	ND		1
Total 1,3-Dichloropropene	ND	mg/kg	0.010	0.0013	EPA-8260B	ND		1
Ethylbenzene	ND	mg/kg	0.0050	0.00069	EPA-8260B	ND		1
Hexachlorobutadiene	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
Isopropylbenzene	ND	mg/kg	0.0050	0.00080	EPA-8260B	ND		1
p-Isopropyltoluene	**0.0016**	**mg/kg**	**0.0050**	**0.00059**	**EPA-8260B**	ND	**J**	1
Methylene chloride	ND	mg/kg	0.010	0.0011	EPA-8260B	ND		1
Methyl t-butyl ether	ND	mg/kg	0.0050	0.00056	EPA-8260B	ND		1
Naphthalene	**0.011**	**mg/kg**	**0.0050**	**0.00099**	**EPA-8260B**	ND		1
n-Propylbenzene	**0.0023**	**mg/kg**	**0.0050**	**0.00071**	**EPA-8260B**	ND	**J**	1
Styrene	ND	mg/kg	0.0050	0.00062	EPA-8260B	ND		1
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00095	EPA-8260B	ND		1
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.0050	0.00084	EPA-8260B	ND		1
Tetrachloroethene	ND	mg/kg	0.0050	0.00097	EPA-8260B	ND		1
Toluene	**0.0014**	**mg/kg**	**0.0050**	**0.00069**	**EPA-8260B**	ND	**J**	1
1,2,3-Trichlorobenzene	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,4-Trichlorobenzene	ND	mg/kg	0.0050	0.0014	EPA-8260B	ND		1
1,1,1-Trichloroethane	ND	mg/kg	0.0050	0.00067	EPA-8260B	ND		1
1,1,2-Trichloroethane	ND	mg/kg	0.0050	0.00094	EPA-8260B	ND		1
Trichloroethene	ND	mg/kg	0.0050	0.00074	EPA-8260B	ND		1
Trichlorofluoromethane	ND	mg/kg	0.0050	0.0015	EPA-8260B	ND		1
1,2,3-Trichloropropane	ND	mg/kg	0.0050	0.0019	EPA-8260B	ND		1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	mg/kg	0.0050	0.0010	EPA-8260B	ND		1
1,2,4-Trimethylbenzene	**0.015**	**mg/kg**	**0.0050**	**0.00080**	**EPA-8260B**	ND		1
1,3,5-Trimethylbenzene	**0.0039**	**mg/kg**	**0.0050**	**0.00066**	**EPA-8260B**	ND	**J**	1
Vinyl chloride	ND	mg/kg	0.0050	0.00059	EPA-8260B	ND		1
Total Xylenes	**0.0035**	**mg/kg**	**0.010**	**0.0025**	**EPA-8260B**	ND	**J**	1
Total Trihalomethanes	ND	mg/kg	0.020	0.0032	EPA-8260B	ND		1
p- & m-Xylenes	**0.0022**	**mg/kg**	**0.0050**	**0.0015**	**EPA-8260B**	ND	**J**	1
o-Xylene	**0.0013**	**mg/kg**	**0.0050**	**0.00093**	**EPA-8260B**	ND	**J**	1
Total Purgeable Petroleum Hydrocarbons	**8.9**	**mg/kg**	**0.20**	**0.058**	**Luft-GC/MS**			1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

BCL Sample ID: 2119955-42 | **Client Sample Name:** Dup3, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,2-Dichloroethane-d4 (Surrogate)	106	%	70 - 121 (LCL - UCL)		EPA-8260B			1
1,2-Dichloroethane-d4 (Surrogate)	92.1	%	70 - 121 (LCL - UCL)		EPA-8260B			2
Toluene-d8 (Surrogate)	80.7	%	81 - 117 (LCL - UCL)		EPA-8260B		A20,S09	1
Toluene-d8 (Surrogate)	99.0	%	81 - 117 (LCL - UCL)		EPA-8260B			2
4-Bromofluorobenzene (Surrogate)	61.8	%	74 - 121 (LCL - UCL)		EPA-8260B		A20,S09	1
4-Bromofluorobenzene (Surrogate)	95.3	%	74 - 121 (LCL - UCL)		EPA-8260B			2

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8260B	06/28/21 09:33	06/30/21 16:08	BYM	MS-V18	1.004	B112833	EPA 5035 Soil MS
2	EPA-8260B	06/28/21 09:33	07/02/21 00:27	BYM	MS-V18	1.004	B112833	EPA 5035 Soil MS

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-42 | **Client Sample Name:** Dup3, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Acenaphthylene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aldrin	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Aniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzidine	ND	mg/kg	30	0.093	EPA-8270C	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	1.0	0.082	EPA-8270C	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Benzoic acid	ND	mg/kg	5.0	0.14	EPA-8270C	ND	A10	1
Benzyl alcohol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Benzyl butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
alpha-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
beta-BHC	ND	mg/kg	1.0	0.075	EPA-8270C	ND	A10	1
delta-BHC	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
gamma-BHC (Lindane)	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethoxy)methane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Chloroethyl) ether	ND	mg/kg	1.0	0.097	EPA-8270C	ND	A10	1
bis(2-Chloroisopropyl)ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
bis(2-Ethylhexyl)phthalate	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Bromophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloroaniline	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
2-Chloronaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chlorophenyl phenyl ether	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Chrysene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDD	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,4'-DDE	ND	mg/kg	1.0	0.068	EPA-8270C	ND	A10	1
4,4'-DDT	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dibenzofuran	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-42 | **Client Sample Name:** Dup3, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
1,3-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,4-Dichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3,3-Dichlorobenzidine	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
Dieldrin	ND	mg/kg	1.0	0.077	EPA-8270C	ND	A10	1
Diethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Dimethyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-butyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrotoluene	ND	mg/kg	1.0	0.085	EPA-8270C	ND	A10	1
2,6-Dinitrotoluene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Di-n-octyl phthalate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2-Diphenylhydrazine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endosulfan I	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan II	ND	mg/kg	2.0	0.088	EPA-8270C	ND	A10	1
Endosulfan sulfate	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Endrin	ND	mg/kg	2.0	0.086	EPA-8270C	ND	A10	1
Endrin aldehyde	ND	mg/kg	5.0	0.070	EPA-8270C	ND	A10	1
Fluoranthene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Fluorene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Heptachlor epoxide	ND	mg/kg	1.0	0.13	EPA-8270C	ND	A10	1
Hexachlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorobutadiene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Hexachlorocyclopentadiene	ND	mg/kg	1.0	0.15	EPA-8270C	ND	A10	1
Hexachloroethane	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	1.0	0.069	EPA-8270C	ND	A10	1
Isophorone	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Methylnaphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Naphthalene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2-Naphthylamine	ND	mg/kg	30	0.36	EPA-8270C	ND	A10	1
2-Nitroaniline	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3-Nitroaniline	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
4-Nitroaniline	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
Nitrobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

BCL Sample ID: 2119955-42 | **Client Sample Name:** Dup3, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
N-Nitrosodimethylamine	ND	mg/kg	1.0	0.40	EPA-8270C	ND	A10	1
N-Nitrosodi-N-propylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
N-Nitrosodiphenylamine	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Phenanthrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
Pyrene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
1,2,4-Trichlorobenzene	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Chloro-3-methylphenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Chlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dichlorophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4-Dimethylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4,6-Dinitro-2-methylphenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2,4-Dinitrophenol	ND	mg/kg	5.0	0.067	EPA-8270C	ND	A10	1
2-Methylphenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
3- & 4-Methylphenol	ND	mg/kg	2.0	0.14	EPA-8270C	ND	A10	1
2-Nitrophenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
4-Nitrophenol	ND	mg/kg	2.0	0.18	EPA-8270C	ND	A10	1
Pentachlorophenol	ND	mg/kg	2.0	0.17	EPA-8270C	ND	A10	1
Phenol	ND	mg/kg	1.0	0.067	EPA-8270C	ND	A10	1
2,4,5-Trichlorophenol	ND	mg/kg	2.0	0.11	EPA-8270C	ND	A10	1
2,4,6-Trichlorophenol	ND	mg/kg	2.0	0.067	EPA-8270C	ND	A10	1
2-Fluorophenol (Surrogate)	76.7	%	20 - 130 (LCL - UCL)		EPA-8270C		A10	1
Phenol-d5 (Surrogate)	69.6	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
Nitrobenzene-d5 (Surrogate)	65.1	%	30 - 130 (LCL - UCL)		EPA-8270C		A10	1
2-Fluorobiphenyl (Surrogate)	75.1	%	30 - 140 (LCL - UCL)		EPA-8270C		A10	1
2,4,6-Tribromophenol (Surrogate)	73.9	%	20 - 150 (LCL - UCL)		EPA-8270C		A10	1
p-Terphenyl-d14 (Surrogate)	121	%	30 - 150 (LCL - UCL)		EPA-8270C		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C	06/28/21 17:15	07/01/21 08:51	CMM	MS-B2	9.500	B113433	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

BCL Sample ID: 2119955-42 | **Client Sample Name:** Dup3, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Acenaphthene	ND	mg/kg	0.030	0.013	EPA-8270C-SIM	ND	A10	1
Acenaphthylene	ND	mg/kg	0.030	0.0092	EPA-8270C-SIM	ND	A10	1
Anthracene	ND	mg/kg	0.030	0.0081	EPA-8270C-SIM	ND	A10	1
Benzo[a]anthracene	ND	mg/kg	0.030	0.0096	EPA-8270C-SIM	ND	A10	1
Benzo[b]fluoranthene	ND	mg/kg	0.030	0.0079	EPA-8270C-SIM	ND	A10	1
Benzo[k]fluoranthene	ND	mg/kg	0.030	0.011	EPA-8270C-SIM	ND	A10	1
Benzo[a]pyrene	ND	mg/kg	0.030	0.0078	EPA-8270C-SIM	ND	A10	1
Benzo[g,h,i]perylene	ND	mg/kg	0.030	0.0072	EPA-8270C-SIM	ND	A10	1
Chrysene	ND	mg/kg	0.030	0.011	EPA-8270C-SIM	ND	A10	1
Dibenzo[a,h]anthracene	ND	mg/kg	0.030	0.0048	EPA-8270C-SIM	ND	A10	1
Fluoranthene	ND	mg/kg	0.030	0.0075	EPA-8270C-SIM	ND	A10	1
Fluorene	ND	mg/kg	0.030	0.0097	EPA-8270C-SIM	ND	A10	1
Indeno[1,2,3-cd]pyrene	ND	mg/kg	0.030	0.0047	EPA-8270C-SIM	ND	A10	1
Naphthalene	ND	mg/kg	0.030	0.0090	EPA-8270C-SIM	ND	A10	1
Phenanthrene	ND	mg/kg	0.030	0.0086	EPA-8270C-SIM	ND	A10	1
Pyrene	ND	mg/kg	0.030	0.012	EPA-8270C-SIM	ND	A10	1
Nitrobenzene-d5 (Surrogate)	110	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
2-Fluorobiphenyl (Surrogate)	61.2	%	40 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1
p-Terphenyl-d14 (Surrogate)	88.2	%	30 - 130 (LCL - UCL)		EPA-8270C-SIM		A10	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8270C-SIM	06/29/21 12:30	07/02/21 22:19	OLH	MS-B4	9.639	B113331	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-42 | **Client Sample Name:** Dup3, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	**62**	**mg/kg**	**59**	**13**	**EPA-8015B/FFP**	ND	**A52**	1
TPH - Hydraulic Oil / Motor Oil	**280**	**mg/kg**	**120**	**41**	**EPA-8015B/FFP**	ND	**A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/29/21 13:00	06/30/21 17:10	BUP	GC-13	5.882	B113144	EPA 3550B

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

BCL Sample ID: 2119955-42 | **Client Sample Name:** Dup3, 6/18/2021 8:00:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
Antimony	ND	mg/kg	5.0	0.33	EPA-6010B	ND		1
Arsenic	**2.3**	**mg/kg**	**1.0**	**0.40**	**EPA-6010B**	ND		1
Barium	**32**	**mg/kg**	**0.50**	**0.18**	**EPA-6010B**	ND		1
Beryllium	**0.16**	**mg/kg**	**0.50**	**0.047**	**EPA-6010B**	ND	**J**	1
Cadmium	**0.37**	**mg/kg**	**0.50**	**0.052**	**EPA-6010B**	ND	**J**	1
Chromium	**7.4**	**mg/kg**	**0.50**	**0.050**	**EPA-6010B**	0.21		1
Cobalt	**2.1**	**mg/kg**	**2.5**	**0.098**	**EPA-6010B**	ND	**J**	1
Copper	**6.7**	**mg/kg**	**1.0**	**0.050**	**EPA-6010B**	ND		1
Lead	**3.6**	**mg/kg**	**2.5**	**0.41**	**EPA-6010B**	ND		1
Mercury	ND	mg/kg	0.16	0.016	EPA-7471A	ND		2
Molybdenum	ND	mg/kg	2.5	0.050	EPA-6010B	ND		1
Nickel	**4.8**	**mg/kg**	**0.50**	**0.15**	**EPA-6010B**	0.16		1
Selenium	ND	mg/kg	1.0	0.98	EPA-6010B	ND		1
Silver	ND	mg/kg	0.50	0.067	EPA-6010B	ND		1
Thallium	ND	mg/kg	5.0	0.64	EPA-6010B	ND		1
Vanadium	**15**	**mg/kg**	**0.50**	**0.11**	**EPA-6010B**	ND		1
Zinc	**39**	**mg/kg**	**2.5**	**0.087**	**EPA-6010B**	ND		1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-6010B	07/06/21 15:00	07/07/21 12:54	JCC	PE-OP3	0.952	B113490	EPA 3050B
2	EPA-7471A	06/30/21 11:15	07/01/21 10:56	TMT	CETAC3	0.977	B113137	EPA 7471A

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

BCL Sample ID: 2119955-43 | **Client Sample Name:** MO-1, 6/18/2021 10:30:00AM

Constituent	Result	Units	PQL	MDL	Method	MB Bias	Lab Quals	Run #
TPH - Diesel (FFP)	**6100000**	**ug/L**	**400000**	**150000**	**EPA-8015B/FFP**	ND	**A01,A52**	1
TPH - Hydraulic Oil / Motor Oil	**1100000**	**ug/L**	**1000000**	**320000**	**EPA-8015B/FFP**	ND	**A01,A57**	1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID	Prep Method
1	EPA-8015B/FFP	06/23/21 08:35	06/24/21 15:49	BUP	GC-13	2000	B112719	EPA 3510C

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Tetra Tech, Inc.- Santa Barbara
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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B113100						
Aldrin	B113100-BLK1	ND	mg/kg	0.00050	0.000018	
alpha-BHC	B113100-BLK1	ND	mg/kg	0.00050	0.000038	
beta-BHC	B113100-BLK1	ND	mg/kg	0.00050	0.000048	
delta-BHC	B113100-BLK1	ND	mg/kg	0.00050	0.000037	
gamma-BHC (Lindane)	B113100-BLK1	ND	mg/kg	0.00050	0.000018	
Chlordane (Technical)	B113100-BLK1	ND	mg/kg	0.050	0.0010	
4,4'-DDD	B113100-BLK1	ND	mg/kg	0.00050	0.000064	
4,4'-DDE	B113100-BLK1	ND	mg/kg	0.00050	0.000095	
4,4'-DDT	B113100-BLK1	ND	mg/kg	0.00050	0.000040	
Dieldrin	B113100-BLK1	ND	mg/kg	0.00050	0.000036	
Endosulfan I	B113100-BLK1	ND	mg/kg	0.00050	0.000020	
Endosulfan II	B113100-BLK1	ND	mg/kg	0.00050	0.000034	
Endosulfan sulfate	B113100-BLK1	ND	mg/kg	0.00050	0.000026	
Endrin	B113100-BLK1	ND	mg/kg	0.00050	0.000065	
Endrin aldehyde	B113100-BLK1	ND	mg/kg	0.00050	0.000018	
Heptachlor	B113100-BLK1	ND	mg/kg	0.00050	0.000086	
Heptachlor epoxide	B113100-BLK1	ND	mg/kg	0.00050	0.000017	
Methoxychlor	B113100-BLK1	ND	mg/kg	0.00050	0.000094	
Toxaphene	B113100-BLK1	ND	mg/kg	0.050	0.0014	
TCMX (Surrogate)	**B113100-BLK1**	**97.0**	%	**20 - 130 (LCL - UCL)**		
Decachlorobiphenyl (Surrogate)	**B113100-BLK1**	**109**	%	**40 - 130 (LCL - UCL)**		

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Reported: 07/08/2021 11:49
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Project Number: 19305
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B113100										
Aldrin	B113100-BS1	LCS	0.0048227	0.0049342	mg/kg	97.7		70 - 130		
gamma-BHC (Lindane)	B113100-BS1	LCS	0.0047299	0.0049342	mg/kg	95.9		60 - 140		
4,4'-DDT	B113100-BS1	LCS	0.0060030	0.0049342	mg/kg	122		60 - 140		
Dieldrin	B113100-BS1	LCS	0.0050852	0.0049342	mg/kg	103		70 - 130		
Endrin	B113100-BS1	LCS	0.0071296	0.0049342	mg/kg	144		60 - 140		L01
Heptachlor	B113100-BS1	LCS	0.0050184	0.0049342	mg/kg	102		60 - 140		
TCMX (Surrogate)	B113100-BS1	LCS	0.0079908	0.0098684	mg/kg	81.0		20 - 130		
Decachlorobiphenyl (Surrogate)	B113100-BS1	LCS	0.019465	0.019737	mg/kg	98.6		40 - 130		

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Organochlorine Pesticides (EPA Method 8081A)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B113100	Used client sample: N										
Aldrin	MS	2118955-61	ND	0.0049591	0.0050676	mg/kg		97.9		50 - 140	
	MSD	2118955-61	ND	0.0049183	0.0050000	mg/kg	0.8	98.4	30	50 - 140	
gamma-BHC (Lindane)	MS	2118955-61	ND	0.0048314	0.0050676	mg/kg		95.3		50 - 140	
	MSD	2118955-61	ND	0.0048300	0.0050000	mg/kg	0.0	96.6	30	50 - 140	
4,4'-DDT	MS	2118955-61	ND	0.0060696	0.0050676	mg/kg		120		50 - 140	
	MSD	2118955-61	ND	0.0061693	0.0050000	mg/kg	1.6	123	30	50 - 140	
Dieldrin	MS	2118955-61	ND	0.0052253	0.0050676	mg/kg		103		40 - 140	
	MSD	2118955-61	ND	0.0051860	0.0050000	mg/kg	0.8	104	30	40 - 140	
Endrin	MS	2118955-61	ND	0.0072902	0.0050676	mg/kg		144		50 - 150	
	MSD	2118955-61	ND	0.0072750	0.0050000	mg/kg	0.2	146	30	50 - 150	
Heptachlor	MS	2118955-61	ND	0.0051611	0.0050676	mg/kg		102		60 - 140	
	MSD	2118955-61	ND	0.0051243	0.0050000	mg/kg	0.7	102	30	60 - 140	
TCMX (Surrogate)	MS	2118955-61	ND	0.0083530	0.010135	mg/kg		82.4		20 - 130	
	MSD	2118955-61	ND	0.0082720	0.010000	mg/kg	1.0	82.7		20 - 130	
Decachlorobiphenyl (Surrogate)	MS	2118955-61	ND	0.019124	0.020270	mg/kg		94.3		40 - 130	
	MSD	2118955-61	ND	0.019733	0.020000	mg/kg	3.1	98.7		40 - 130	

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B113043						
PCB-1016	B113043-BLK1	ND	mg/kg	0.010	0.0023	
PCB-1221	B113043-BLK1	ND	mg/kg	0.010	0.0033	
PCB-1232	B113043-BLK1	ND	mg/kg	0.010	0.0026	
PCB-1242	B113043-BLK1	ND	mg/kg	0.010	0.0015	
PCB-1248	B113043-BLK1	ND	mg/kg	0.010	0.0021	
PCB-1254	B113043-BLK1	ND	mg/kg	0.010	0.0016	
PCB-1260	B113043-BLK1	ND	mg/kg	0.010	0.0018	
Total PCB's (Summation)	B113043-BLK1	ND	mg/kg	0.010	0.0050	
Decachlorobiphenyl (Surrogate)	**B113043-BLK1**	**86.7**	%	**40 - 120 (LCL - UCL)**		

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Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B113043										
PCB-1016	B113043-BS1	LCS	0.088040	0.083056	mg/kg	106		60 - 120		
PCB-1260	B113043-BS1	LCS	0.090033	0.083056	mg/kg	108		60 - 120		
Decachlorobiphenyl (Surrogate)	B113043-BS1	LCS	0.015947	0.019934	mg/kg	80.0		40 - 120		

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

PCB Analysis (EPA Method 8082)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B113043	Used client sample: N										
PCB-1016	MS	2119726-01	ND	0.063176	0.084459	mg/kg		74.8		60 - 120	
	MSD	2119726-01	ND	0.061204	0.083612	mg/kg	3.2	73.2	30	60 - 120	
PCB-1260	MS	2119726-01	ND	0.060473	0.084459	mg/kg		71.6		60 - 120	
	MSD	2119726-01	ND	0.061538	0.083612	mg/kg	1.7	73.6	30	60 - 120	
Decachlorobiphenyl (Surrogate)	MS	2119726-01	ND	0.010473	0.020270	mg/kg		51.7		40 - 120	
	MSD	2119726-01	ND	0.010368	0.020067	mg/kg	1.0	51.7		40 - 120	

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B112833						
Benzene	B112833-BLK1	ND	mg/kg	0.0050	0.00067	
Bromobenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00087	
Bromochloromethane	B112833-BLK1	ND	mg/kg	0.0050	0.00081	
Bromodichloromethane	B112833-BLK1	ND	mg/kg	0.0050	0.00078	
Bromoform	B112833-BLK1	ND	mg/kg	0.0050	0.00070	
Bromomethane	B112833-BLK1	ND	mg/kg	0.0050	0.0017	
n-Butylbenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00076	
sec-Butylbenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00071	
tert-Butylbenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00085	
Carbon tetrachloride	B112833-BLK1	ND	mg/kg	0.0050	0.00078	
Chlorobenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00077	
Chloroethane	B112833-BLK1	ND	mg/kg	0.0050	0.0011	
Chloroform	B112833-BLK1	ND	mg/kg	0.0050	0.00090	
Chloromethane	B112833-BLK1	ND	mg/kg	0.0050	0.0011	
2-Chlorotoluene	B112833-BLK1	ND	mg/kg	0.0050	0.00087	
4-Chlorotoluene	B112833-BLK1	ND	mg/kg	0.0050	0.00070	
Dibromochloromethane	B112833-BLK1	ND	mg/kg	0.0050	0.00080	
1,2-Dibromo-3-chloropropane	B112833-BLK1	ND	mg/kg	0.0050	0.00096	
1,2-Dibromoethane	B112833-BLK1	ND	mg/kg	0.0050	0.00082	
Dibromomethane	B112833-BLK1	ND	mg/kg	0.0050	0.0014	
1,2-Dichlorobenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00079	
1,3-Dichlorobenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00073	
1,4-Dichlorobenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00073	
Dichlorodifluoromethane	B112833-BLK1	ND	mg/kg	0.0050	0.00079	
1,1-Dichloroethane	B112833-BLK1	ND	mg/kg	0.0050	0.00064	
1,2-Dichloroethane	B112833-BLK1	ND	mg/kg	0.0050	0.00073	
1,1-Dichloroethene	B112833-BLK1	ND	mg/kg	0.0050	0.0011	
cis-1,2-Dichloroethene	B112833-BLK1	ND	mg/kg	0.0050	0.00054	
trans-1,2-Dichloroethene	B112833-BLK1	ND	mg/kg	0.0050	0.0037	
Total 1,2-Dichloroethene	B112833-BLK1	ND	mg/kg	0.010	0.0043	
1,2-Dichloropropane	B112833-BLK1	ND	mg/kg	0.0050	0.00080	
1,3-Dichloropropane	B112833-BLK1	ND	mg/kg	0.0050	0.00067	
2,2-Dichloropropane	B112833-BLK1	ND	mg/kg	0.0050	0.00067	
1,1-Dichloropropene	B112833-BLK1	ND	mg/kg	0.0050	0.00067	

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B112833						
cis-1,3-Dichloropropene	B112833-BLK1	ND	mg/kg	0.0050	0.00058	
trans-1,3-Dichloropropene	B112833-BLK1	ND	mg/kg	0.0050	0.00066	
Total 1,3-Dichloropropene	B112833-BLK1	ND	mg/kg	0.010	0.0013	
Ethylbenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00069	
Hexachlorobutadiene	B112833-BLK1	ND	mg/kg	0.0050	0.00067	
Isopropylbenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00080	
p-Isopropyltoluene	B112833-BLK1	ND	mg/kg	0.0050	0.00059	
Methylene chloride	B112833-BLK1	ND	mg/kg	0.010	0.0011	
Methyl t-butyl ether	B112833-BLK1	ND	mg/kg	0.0050	0.00056	
Naphthalene	B112833-BLK1	ND	mg/kg	0.0050	0.00099	
n-Propylbenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00071	
Styrene	B112833-BLK1	ND	mg/kg	0.0050	0.00062	
1,1,1,2-Tetrachloroethane	B112833-BLK1	ND	mg/kg	0.0050	0.00095	
1,1,2,2-Tetrachloroethane	B112833-BLK1	ND	mg/kg	0.0050	0.00084	
Tetrachloroethene	B112833-BLK1	ND	mg/kg	0.0050	0.00097	
Toluene	B112833-BLK1	ND	mg/kg	0.0050	0.00069	
1,2,3-Trichlorobenzene	B112833-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,4-Trichlorobenzene	B112833-BLK1	ND	mg/kg	0.0050	0.0014	
1,1,1-Trichloroethane	B112833-BLK1	ND	mg/kg	0.0050	0.00067	
1,1,2-Trichloroethane	B112833-BLK1	ND	mg/kg	0.0050	0.00094	
Trichloroethene	B112833-BLK1	ND	mg/kg	0.0050	0.00074	
Trichlorofluoromethane	B112833-BLK1	ND	mg/kg	0.0050	0.0015	
1,2,3-Trichloropropane	B112833-BLK1	ND	mg/kg	0.0050	0.0019	
1,1,2-Trichloro-1,2,2-trifluoroethane	B112833-BLK1	ND	mg/kg	0.0050	0.0010	
1,2,4-Trimethylbenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00080	
1,3,5-Trimethylbenzene	B112833-BLK1	ND	mg/kg	0.0050	0.00066	
Vinyl chloride	B112833-BLK1	ND	mg/kg	0.0050	0.00059	
Total Xylenes	B112833-BLK1	ND	mg/kg	0.010	0.0025	
Total Trihalomethanes	B112833-BLK1	ND	mg/kg	0.020	0.0032	
p- & m-Xylenes	B112833-BLK1	ND	mg/kg	0.0050	0.0015	
o-Xylene	B112833-BLK1	ND	mg/kg	0.0050	0.00093	
1,2-Dichloroethane-d4 (Surrogate)	**B112833-BLK1**	**99.7**	%	**70 - 121 (LCL - UCL)**		
Toluene-d8 (Surrogate)	**B112833-BLK1**	**99.7**	%	**81 - 117 (LCL - UCL)**		
4-Bromofluorobenzene (Surrogate)	**B112833-BLK1**	**95.7**	%	**74 - 121 (LCL - UCL)**		

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B112833										
Benzene	B112833-BS1	LCS	0.13395	0.12500	mg/kg	107		70 - 130		
Bromodichloromethane	B112833-BS1	LCS	0.13547	0.12500	mg/kg	108		70 - 130		
Chlorobenzene	B112833-BS1	LCS	0.13925	0.12500	mg/kg	111		70 - 130		
Chloroethane	B112833-BS1	LCS	0.13078	0.12500	mg/kg	105		70 - 130		
1,4-Dichlorobenzene	B112833-BS1	LCS	0.13476	0.12500	mg/kg	108		70 - 130		
1,1-Dichloroethane	B112833-BS1	LCS	0.13366	0.12500	mg/kg	107		70 - 130		
1,1-Dichloroethene	B112833-BS1	LCS	0.13322	0.12500	mg/kg	107		70 - 130		
Toluene	B112833-BS1	LCS	0.14055	0.12500	mg/kg	112		70 - 130		
Trichloroethene	B112833-BS1	LCS	0.13824	0.12500	mg/kg	111		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	B112833-BS1	LCS	0.046790	0.050000	mg/kg	93.6		70 - 121		
Toluene-d8 (Surrogate)	B112833-BS1	LCS	0.051490	0.050000	mg/kg	103		81 - 117		
4-Bromofluorobenzene (Surrogate)	B112833-BS1	LCS	0.046440	0.050000	mg/kg	92.9		74 - 121		

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Volatile Organic Analysis (EPA Method 8260B/5035)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B112833	Used client sample: N										
Benzene	MS	2119726-33	0.010647	0.096133	0.095712	mg/kg		89.3		70 - 130	
	MSD	2119726-33	0.010647	0.088401	0.094268	mg/kg	8.4	82.5	20	70 - 130	
Bromodichloromethane	MS	2119726-33	ND	0.085207	0.095712	mg/kg		89.0		70 - 130	
	MSD	2119726-33	ND	0.086772	0.094268	mg/kg	1.8	92.0	20	70 - 130	
Chlorobenzene	MS	2119726-33	ND	0.083721	0.095712	mg/kg		87.5		70 - 130	
	MSD	2119726-33	ND	0.086229	0.094268	mg/kg	3.0	91.5	20	70 - 130	
Chloroethane	MS	2119726-33	ND	0.081126	0.095712	mg/kg		84.8		70 - 130	
	MSD	2119726-33	ND	0.082391	0.094268	mg/kg	1.5	87.4	20	70 - 130	
1,4-Dichlorobenzene	MS	**2119726-33**	**ND**	**0.066317**	**0.095712**	**mg/kg**		**69.3**		**70 - 130**	**Q03**
	MSD	**2119726-33**	**ND**	**0.065294**	**0.094268**	**mg/kg**	**1.6**	**69.3**	**20**	**70 - 130**	**Q03**
1,1-Dichloroethane	MS	2119726-33	ND	0.086784	0.095712	mg/kg		90.7		70 - 130	
	MSD	2119726-33	ND	0.087459	0.094268	mg/kg	0.8	92.8	20	70 - 130	
1,1-Dichloroethene	MS	2119726-33	ND	0.084923	0.095712	mg/kg		88.7		70 - 130	
	MSD	2119726-33	ND	0.087285	0.094268	mg/kg	2.7	92.6	20	70 - 130	
Toluene	MS	2119726-33	0.0011873	0.085597	0.095712	mg/kg		88.2		70 - 130	
	MSD	2119726-33	0.0011873	0.088296	0.094268	mg/kg	3.1	92.4	20	70 - 130	
Trichloroethene	MS	2119726-33	ND	0.084028	0.095712	mg/kg		87.8		70 - 130	
	MSD	2119726-33	ND	0.086154	0.094268	mg/kg	2.5	91.4	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	MS	2119726-33	ND	0.038499	0.038285	mg/kg		101		70 - 121	
	MSD	2119726-33	ND	0.038198	0.037707	mg/kg	0.8	101		70 - 121	
Toluene-d8 (Surrogate)	MS	2119726-33	ND	0.038147	0.038285	mg/kg		99.6		81 - 117	
	MSD	2119726-33	ND	0.037730	0.037707	mg/kg	1.1	100		81 - 117	
4-Bromofluorobenzene (Surrogate)	MS	2119726-33	ND	0.033338	0.038285	mg/kg		87.1		74 - 121	
	MSD	2119726-33	ND	0.033906	0.037707	mg/kg	1.7	89.9		74 - 121	

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B113433						
Acenaphthene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Acenaphthylene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Aldrin	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Aniline	B113433-BLK1	ND	mg/kg	0.20	0.011	
Anthracene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Benzidine	B113433-BLK1	ND	mg/kg	3.0	0.0093	
Benzo[a]anthracene	B113433-BLK1	ND	mg/kg	0.10	0.0077	
Benzo[b]fluoranthene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Benzo[k]fluoranthene	B113433-BLK1	ND	mg/kg	0.10	0.0082	
Benzo[a]pyrene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Benzo[g,h,i]perylene	B113433-BLK1	ND	mg/kg	0.10	0.013	
Benzoic acid	B113433-BLK1	ND	mg/kg	0.50	0.014	
Benzyl alcohol	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Benzyl butyl phthalate	B113433-BLK1	ND	mg/kg	0.10	0.0067	
alpha-BHC	B113433-BLK1	ND	mg/kg	0.10	0.0067	
beta-BHC	B113433-BLK1	ND	mg/kg	0.10	0.0075	
delta-BHC	B113433-BLK1	ND	mg/kg	0.10	0.0067	
gamma-BHC (Lindane)	B113433-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Chloroethoxy)methane	B113433-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Chloroethyl) ether	B113433-BLK1	ND	mg/kg	0.10	0.0097	
bis(2-Chloroisopropyl)ether	B113433-BLK1	ND	mg/kg	0.10	0.0067	
bis(2-Ethylhexyl)phthalate	B113433-BLK1	ND	mg/kg	0.20	0.0067	
4-Bromophenyl phenyl ether	B113433-BLK1	ND	mg/kg	0.10	0.0067	
4-Chloroaniline	B113433-BLK1	ND	mg/kg	0.10	0.015	
2-Chloronaphthalene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
4-Chlorophenyl phenyl ether	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Chrysene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
4,4'-DDD	B113433-BLK1	ND	mg/kg	0.10	0.0067	
4,4'-DDE	B113433-BLK1	ND	mg/kg	0.10	0.0068	
4,4'-DDT	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Dibenzo[a,h]anthracene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Dibenzofuran	B113433-BLK1	ND	mg/kg	0.10	0.0067	
1,2-Dichlorobenzene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
1,3-Dichlorobenzene	B113433-BLK1	ND	mg/kg	0.10	0.0067	

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B113433						
1,4-Dichlorobenzene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
3,3-Dichlorobenzidine	B113433-BLK1	ND	mg/kg	0.20	0.0067	
Dieldrin	B113433-BLK1	ND	mg/kg	0.10	0.0077	
Diethyl phthalate	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Dimethyl phthalate	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Di-n-butyl phthalate	B113433-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dinitrotoluene	B113433-BLK1	ND	mg/kg	0.10	0.0085	
2,6-Dinitrotoluene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Di-n-octyl phthalate	B113433-BLK1	ND	mg/kg	0.10	0.0067	
1,2-Diphenylhydrazine	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Endosulfan I	B113433-BLK1	ND	mg/kg	0.20	0.0088	
Endosulfan II	B113433-BLK1	ND	mg/kg	0.20	0.0088	
Endosulfan sulfate	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Endrin	B113433-BLK1	ND	mg/kg	0.20	0.0086	
Endrin aldehyde	B113433-BLK1	ND	mg/kg	0.50	0.0070	
Fluoranthene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Fluorene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Heptachlor	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Heptachlor epoxide	B113433-BLK1	ND	mg/kg	0.10	0.013	
Hexachlorobenzene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Hexachlorobutadiene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Hexachlorocyclopentadiene	B113433-BLK1	ND	mg/kg	0.10	0.015	
Hexachloroethane	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Indeno[1,2,3-cd]pyrene	B113433-BLK1	ND	mg/kg	0.10	0.0069	
Isophorone	B113433-BLK1	ND	mg/kg	0.10	0.0067	
2-Methylnaphthalene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Naphthalene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
2-Naphthylamine	B113433-BLK1	ND	mg/kg	3.0	0.036	
2-Nitroaniline	B113433-BLK1	ND	mg/kg	0.10	0.0067	
3-Nitroaniline	B113433-BLK1	ND	mg/kg	0.20	0.0067	
4-Nitroaniline	B113433-BLK1	ND	mg/kg	0.20	0.011	
Nitrobenzene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
N-Nitrosodimethylamine	B113433-BLK1	ND	mg/kg	0.10	0.040	
N-Nitrosodi-N-propylamine	B113433-BLK1	ND	mg/kg	0.10	0.0067	

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B113433						
N-Nitrosodiphenylamine	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Phenanthrene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
Pyrene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
1,2,4-Trichlorobenzene	B113433-BLK1	ND	mg/kg	0.10	0.0067	
4-Chloro-3-methylphenol	B113433-BLK1	ND	mg/kg	0.20	0.0067	
2-Chlorophenol	B113433-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dichlorophenol	B113433-BLK1	ND	mg/kg	0.10	0.0067	
2,4-Dimethylphenol	B113433-BLK1	ND	mg/kg	0.10	0.0067	
4,6-Dinitro-2-methylphenol	B113433-BLK1	ND	mg/kg	0.50	0.0067	
2,4-Dinitrophenol	B113433-BLK1	ND	mg/kg	0.50	0.0067	
2-Methylphenol	B113433-BLK1	ND	mg/kg	0.10	0.0067	
3- & 4-Methylphenol	B113433-BLK1	ND	mg/kg	0.20	0.014	
2-Nitrophenol	B113433-BLK1	ND	mg/kg	0.10	0.0067	
4-Nitrophenol	B113433-BLK1	ND	mg/kg	0.20	0.018	
Pentachlorophenol	B113433-BLK1	ND	mg/kg	0.20	0.017	
Phenol	B113433-BLK1	ND	mg/kg	0.10	0.0067	
2,4,5-Trichlorophenol	B113433-BLK1	ND	mg/kg	0.20	0.011	
2,4,6-Trichlorophenol	B113433-BLK1	ND	mg/kg	0.20	0.0067	
2-Fluorophenol (Surrogate)	**B113433-BLK1**	**63.2**	%	**20 - 130 (LCL - UCL)**		
Phenol-d5 (Surrogate)	**B113433-BLK1**	**61.3**	%	**30 - 130 (LCL - UCL)**		
Nitrobenzene-d5 (Surrogate)	**B113433-BLK1**	**63.1**	%	**30 - 130 (LCL - UCL)**		
2-Fluorobiphenyl (Surrogate)	**B113433-BLK1**	**80.3**	%	**30 - 140 (LCL - UCL)**		
2,4,6-Tribromophenol (Surrogate)	**B113433-BLK1**	**82.6**	%	**20 - 150 (LCL - UCL)**		
p-Terphenyl-d14 (Surrogate)	**B113433-BLK1**	**110**	%	**30 - 150 (LCL - UCL)**		

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B113433										
Acenaphthene	B113433-BS1	LCS	1.2443	1.6393	mg/kg	75.9		50 - 130		
1,4-Dichlorobenzene	B113433-BS1	LCS	1.4892	1.6393	mg/kg	90.8		50 - 130		
2,4-Dinitrotoluene	B113433-BS1	LCS	1.4362	1.6393	mg/kg	87.6		50 - 130		
Hexachlorobenzene	B113433-BS1	LCS	1.8626	1.6393	mg/kg	114		40 - 130		
Hexachlorobutadiene	B113433-BS1	LCS	1.1194	1.6393	mg/kg	68.3		50 - 130		
Hexachloroethane	B113433-BS1	LCS	1.2839	1.6393	mg/kg	78.3		50 - 130		
Nitrobenzene	B113433-BS1	LCS	1.3200	1.6393	mg/kg	80.5		50 - 130		
N-Nitrosodi-N-propylamine	B113433-BS1	LCS	1.0484	1.6393	mg/kg	64.0		40 - 120		
Pyrene	B113433-BS1	LCS	1.5256	1.6393	mg/kg	93.1		40 - 150		
1,2,4-Trichlorobenzene	B113433-BS1	LCS	1.4761	1.6393	mg/kg	90.0		50 - 120		
4-Chloro-3-methylphenol	B113433-BS1	LCS	1.0628	1.6393	mg/kg	64.8		50 - 130		
2-Chlorophenol	B113433-BS1	LCS	1.0821	1.6393	mg/kg	66.0		50 - 130		
2-Methylphenol	B113433-BS1	LCS	0.95031	1.6393	mg/kg	58.0		50 - 130		
3- & 4-Methylphenol	B113433-BS1	LCS	1.9853	3.2787	mg/kg	60.6		50 - 130		
4-Nitrophenol	B113433-BS1	LCS	0.52951	1.6393	mg/kg	32.3		30 - 130		
Pentachlorophenol	B113433-BS1	LCS	1.0360	1.6393	mg/kg	63.2		20 - 130		
Phenol	B113433-BS1	LCS	0.94564	1.6393	mg/kg	57.7		40 - 120		
2,4,6-Trichlorophenol	B113433-BS1	LCS	1.1472	1.6393	mg/kg	70.0		50 - 130		
2-Fluorophenol (Surrogate)	B113433-BS1	LCS	0.90982	1.3115	mg/kg	69.4		20 - 130		
Phenol-d5 (Surrogate)	B113433-BS1	LCS	0.85936	1.3115	mg/kg	65.5		30 - 130		
Nitrobenzene-d5 (Surrogate)	B113433-BS1	LCS	0.89082	1.3115	mg/kg	67.9		30 - 130		
2-Fluorobiphenyl (Surrogate)	B113433-BS1	LCS	1.1092	1.3115	mg/kg	84.6		30 - 140		
2,4,6-Tribromophenol (Surrogate)	B113433-BS1	LCS	1.2450	1.3115	mg/kg	94.9		20 - 150		
p-Terphenyl-d14 (Surrogate)	B113433-BS1	LCS	0.79364	0.65574	mg/kg	121		30 - 150		

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B113433	Used client sample: N										
Acenaphthene	MS	2118955-62	ND	1.0869	1.6611	mg/kg		65.4		30 - 140	
	MSD	2118955-62	ND	1.2863	1.6447	mg/kg	16.8	78.2	30	30 - 140	
1,4-Dichlorobenzene	MS	2118955-62	ND	1.3456	1.6611	mg/kg		81.0		50 - 130	
	MSD	2118955-62	ND	1.5225	1.6447	mg/kg	12.3	92.6	30	50 - 130	
2,4-Dinitrotoluene	MS	2118955-62	ND	1.2639	1.6611	mg/kg		76.1		50 - 130	
	MSD	2118955-62	ND	1.5648	1.6447	mg/kg	21.3	95.1	30	50 - 130	
Hexachlorobenzene	MS	2118955-62	ND	1.5995	1.6611	mg/kg		96.3		50 - 130	
	MSD	2118955-62	ND	1.9246	1.6447	mg/kg	18.5	117	30	50 - 130	
Hexachlorobutadiene	MS	2118955-62	ND	1.0008	1.6611	mg/kg		60.2		50 - 130	
	MSD	2118955-62	ND	1.1378	1.6447	mg/kg	12.8	69.2	30	50 - 130	
Hexachloroethane	MS	2118955-62	ND	1.1412	1.6611	mg/kg		68.7		50 - 130	
	MSD	2118955-62	ND	1.2916	1.6447	mg/kg	12.4	78.5	30	50 - 130	
Nitrobenzene	MS	2118955-62	ND	1.1775	1.6611	mg/kg		70.9		30 - 120	
	MSD	2118955-62	ND	1.3466	1.6447	mg/kg	13.4	81.9	30	30 - 120	
N-Nitrosodi-N-propylamine	MS	2118955-62	ND	0.95458	1.6611	mg/kg		57.5		20 - 130	
	MSD	2118955-62	ND	1.1245	1.6447	mg/kg	16.3	68.4	30	20 - 130	
Pyrene	MS	2118955-62	ND	1.1670	1.6611	mg/kg		70.3		40 - 140	
	MSD	2118955-62	ND	1.4928	1.6447	mg/kg	24.5	90.8	30	40 - 140	
1,2,4-Trichlorobenzene	MS	2118955-62	ND	1.3322	1.6611	mg/kg		80.2		50 - 130	
	MSD	2118955-62	ND	1.5312	1.6447	mg/kg	13.9	93.1	30	50 - 130	
4-Chloro-3-methylphenol	MS	2118955-62	ND	0.88282	1.6611	mg/kg		53.1		50 - 130	
	MSD	2118955-62	ND	1.1297	1.6447	mg/kg	24.5	68.7	30	50 - 130	
2-Chlorophenol	MS	2118955-62	ND	0.97595	1.6611	mg/kg		58.8		50 - 130	
	MSD	2118955-62	ND	1.1160	1.6447	mg/kg	13.4	67.9	30	50 - 130	
2-Methylphenol	MS	2118955-62	ND	0.86241	1.6611	mg/kg		51.9		50 - 130	
	MSD	2118955-62	ND	0.99521	1.6447	mg/kg	14.3	60.5	30	50 - 130	
3- & 4-Methylphenol	MS	2118955-62	ND	1.7966	3.3223	mg/kg		54.1		50 - 130	
	MSD	2118955-62	ND	2.1086	3.2895	mg/kg	16.0	64.1	30	50 - 130	
4-Nitrophenol	MS	2118955-62	ND	0.54953	1.6611	mg/kg		33.1		30 - 140	
	MSD	2118955-62	ND	0.59921	1.6447	mg/kg	8.6	36.4	30	30 - 140	
Pentachlorophenol	MS	2118955-62	ND	0.92268	1.6611	mg/kg		55.5		30 - 130	
	MSD	2118955-62	ND	1.0161	1.6447	mg/kg	9.6	61.8	30	30 - 130	
Phenol	MS	2118955-62	ND	0.84773	1.6611	mg/kg		51.0		40 - 150	
	MSD	2118955-62	ND	0.96655	1.6447	mg/kg	13.1	58.8	30	40 - 150	
2,4,6-Trichlorophenol	MS	2118955-62	ND	1.0209	1.6611	mg/kg		61.5		50 - 130	
	MSD	2118955-62	ND	1.1864	1.6447	mg/kg	15.0	72.1	30	50 - 130	

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Base Neutral and Acid Extractables Organic Analysis (EPA Method 8270C)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B113433	Used client sample: N										
2-Fluorophenol (Surrogate)	MS	2118955-62	ND	0.80691	1.3289	mg/kg		60.7		20 - 130	
	MSD	2118955-62	ND	0.89393	1.3158	mg/kg	10.2	67.9		20 - 130	
Phenol-d5 (Surrogate)	MS	2118955-62	ND	0.76003	1.3289	mg/kg		57.2		30 - 130	
	MSD	2118955-62	ND	0.87211	1.3158	mg/kg	13.7	66.3		30 - 130	
Nitrobenzene-d5 (Surrogate)	MS	2118955-62	ND	0.79224	1.3289	mg/kg		59.6		30 - 130	
	MSD	2118955-62	ND	0.91510	1.3158	mg/kg	14.4	69.5		30 - 130	
2-Fluorobiphenyl (Surrogate)	MS	2118955-62	ND	0.95075	1.3289	mg/kg		71.5		30 - 140	
	MSD	2118955-62	ND	1.1177	1.3158	mg/kg	16.1	84.9		30 - 140	
2,4,6-Tribromophenol (Surrogate)	MS	2118955-62	ND	1.0710	1.3289	mg/kg		80.6		20 - 150	
	MSD	2118955-62	ND	1.1952	1.3158	mg/kg	11.0	90.8		20 - 150	
p-Terphenyl-d14 (Surrogate)	MS	2118955-62	ND	0.61427	0.66445	mg/kg		92.4		30 - 150	
	MSD	2118955-62	ND	0.77474	0.65789	mg/kg	23.1	118		30 - 150	

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B113331						
Acenaphthene	B113331-BLK1	ND	mg/kg	0.0030	0.0013	
Acenaphthylene	B113331-BLK1	ND	mg/kg	0.0030	0.00092	
Anthracene	B113331-BLK1	ND	mg/kg	0.0030	0.00081	
Benzo[a]anthracene	B113331-BLK1	ND	mg/kg	0.0030	0.00096	
Benzo[b]fluoranthene	B113331-BLK1	ND	mg/kg	0.0030	0.00079	
Benzo[k]fluoranthene	B113331-BLK1	ND	mg/kg	0.0030	0.0011	
Benzo[a]pyrene	B113331-BLK1	ND	mg/kg	0.0030	0.00078	
Benzo[g,h,i]perylene	B113331-BLK1	ND	mg/kg	0.0030	0.00072	
Chrysene	B113331-BLK1	ND	mg/kg	0.0030	0.0011	
Dibenzo[a,h]anthracene	B113331-BLK1	ND	mg/kg	0.0030	0.00048	
Fluoranthene	B113331-BLK1	ND	mg/kg	0.0030	0.00075	
Fluorene	B113331-BLK1	ND	mg/kg	0.0030	0.00097	
Indeno[1,2,3-cd]pyrene	B113331-BLK1	ND	mg/kg	0.0030	0.00047	
Naphthalene	B113331-BLK1	ND	mg/kg	0.0030	0.00090	
Phenanthrene	B113331-BLK1	ND	mg/kg	0.0030	0.00086	
Pyrene	B113331-BLK1	ND	mg/kg	0.0030	0.0012	
Nitrobenzene-d5 (Surrogate)	**B113331-BLK1**	**95.5**	%	**30 - 130 (LCL - UCL)**		
2-Fluorobiphenyl (Surrogate)	**B113331-BLK1**	**94.0**	%	**40 - 130 (LCL - UCL)**		
p-Terphenyl-d14 (Surrogate)	**B113331-BLK1**	**96.0**	%	**30 - 130 (LCL - UCL)**		

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Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B113331										
Acenaphthene	B113331-BS1	LCS	0.020246	0.032787	mg/kg	61.8		60 - 130		
Acenaphthylene	B113331-BS1	LCS	0.020557	0.032787	mg/kg	62.7		60 - 130		
Anthracene	B113331-BS1	LCS	0.020246	0.032787	mg/kg	61.8		60 - 130		
Benzo[a]anthracene	B113331-BS1	LCS	0.023984	0.032787	mg/kg	73.1		60 - 130		
Benzo[b]fluoranthene	B113331-BS1	LCS	0.020557	0.032787	mg/kg	62.7		50 - 130		
Benzo[k]fluoranthene	B113331-BS1	LCS	0.021492	0.032787	mg/kg	65.6		60 - 130		
Benzo[a]pyrene	B113331-BS1	LCS	0.021492	0.032787	mg/kg	65.6		60 - 130		
Benzo[g,h,i]perylene	B113331-BS1	LCS	0.020246	0.032787	mg/kg	61.8		50 - 130		
Chrysene	B113331-BS1	LCS	0.022426	0.032787	mg/kg	68.4		50 - 130		
Dibenzo[a,h]anthracene	B113331-BS1	LCS	0.025852	0.032787	mg/kg	78.8		50 - 130		
Fluoranthene	B113331-BS1	LCS	0.023672	0.032787	mg/kg	72.2		60 - 130		
Fluorene	B113331-BS1	LCS	0.020869	0.032787	mg/kg	63.7		50 - 130		
Indeno[1,2,3-cd]pyrene	B113331-BS1	LCS	0.022115	0.032787	mg/kg	67.5		50 - 130		
Naphthalene	B113331-BS1	LCS	0.019000	0.032787	mg/kg	58.0		50 - 130		
Phenanthrene	B113331-BS1	LCS	0.018377	0.032787	mg/kg	56.1		50 - 130		
Pyrene	B113331-BS1	LCS	0.022426	0.032787	mg/kg	68.4		50 - 130		
Nitrobenzene-d5 (Surrogate)	B113331-BS1	LCS	0.092197	0.13115	mg/kg	70.3		30 - 130		
2-Fluorobiphenyl (Surrogate)	B113331-BS1	LCS	0.091885	0.13115	mg/kg	70.1		40 - 130		
p-Terphenyl-d14 (Surrogate)	B113331-BS1	LCS	0.094066	0.13115	mg/kg	71.7		30 - 130		

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B113331	Used client sample: N										
Acenaphthene	MS	2118955-91	ND	0.027152	0.033670	mg/kg		80.6		50 - 130	
	MSD	2118955-91	ND	0.031122	0.033784	mg/kg	13.6	92.1	30	50 - 130	
Acenaphthylene	MS	2118955-91	ND	0.027798	0.033670	mg/kg		82.6		50 - 130	
	MSD	2118955-91	ND	0.031784	0.033784	mg/kg	13.4	94.1	30	50 - 130	
Anthracene	MS	2118955-91	ND	0.026828	0.033670	mg/kg		79.7		50 - 130	
	MSD	2118955-91	ND	0.030459	0.033784	mg/kg	12.7	90.2	30	50 - 130	
Benzo[a]anthracene	MS	2118955-91	ND	0.032323	0.033670	mg/kg		96.0		50 - 130	
	MSD	2118955-91	ND	0.036750	0.033784	mg/kg	12.8	109	30	50 - 130	
Benzo[b]fluoranthene	MS	2118955-91	ND	0.028121	0.033670	mg/kg		83.5		40 - 130	
	MSD	2118955-91	ND	0.031784	0.033784	mg/kg	12.2	94.1	30	40 - 130	
Benzo[k]fluoranthene	MS	2118955-91	ND	0.027152	0.033670	mg/kg		80.6		40 - 130	
	MSD	2118955-91	ND	0.031453	0.033784	mg/kg	14.7	93.1	30	40 - 130	
Benzo[a]pyrene	MS	2118955-91	ND	0.028121	0.033670	mg/kg		83.5		40 - 130	
	MSD	2118955-91	ND	0.030791	0.033784	mg/kg	9.1	91.1	30	40 - 130	
Benzo[g,h,i]perylene	MS	2118955-91	ND	0.024566	0.033670	mg/kg		73.0		40 - 130	
	MSD	2118955-91	ND	0.027149	0.033784	mg/kg	10.0	80.4	30	40 - 130	
Chrysene	MS	2118955-91	ND	0.031030	0.033670	mg/kg		92.2		40 - 130	
	MSD	2118955-91	ND	0.035095	0.033784	mg/kg	12.3	104	30	40 - 130	
Dibenzo[a,h]anthracene	MS	2118955-91	ND	0.034586	0.033670	mg/kg		103		40 - 130	
	MSD	2118955-91	ND	0.037412	0.033784	mg/kg	7.9	111	30	40 - 130	
Fluoranthene	MS	2118955-91	ND	0.025859	0.033670	mg/kg		76.8		40 - 130	
	MSD	2118955-91	ND	0.029466	0.033784	mg/kg	13.0	87.2	30	40 - 130	
Fluorene	MS	2118955-91	ND	0.028444	0.033670	mg/kg		84.5		40 - 130	
	MSD	2118955-91	ND	0.032446	0.033784	mg/kg	13.1	96.0	30	40 - 130	
Indeno[1,2,3-cd]pyrene	MS	2118955-91	ND	0.029414	0.033670	mg/kg		87.4		30 - 130	
	MSD	2118955-91	ND	0.032115	0.033784	mg/kg	8.8	95.1	30	30 - 130	
Naphthalene	MS	2118955-91	ND	0.025212	0.033670	mg/kg		74.9		50 - 130	
	MSD	2118955-91	ND	0.028804	0.033784	mg/kg	13.3	85.3	30	50 - 130	
Phenanthrene	MS	2118955-91	ND	0.024889	0.033670	mg/kg		73.9		40 - 130	
	MSD	2118955-91	ND	0.028804	0.033784	mg/kg	14.6	85.3	30	40 - 130	
Pyrene	MS	2118955-91	ND	0.030707	0.033670	mg/kg		91.2		40 - 130	
	MSD	2118955-91	ND	0.035426	0.033784	mg/kg	14.3	105	30	40 - 130	
Nitrobenzene-d5 (Surrogate)	MS	2118955-91	ND	0.13382	0.13468	mg/kg		99.4		30 - 130	
	MSD	2118955-91	ND	0.14435	0.13514	mg/kg	7.6	107		30 - 130	
2-Fluorobiphenyl (Surrogate)	MS	2118955-91	ND	0.12671	0.13468	mg/kg		94.1		40 - 130	
	MSD	2118955-91	ND	0.14005	0.13514	mg/kg	10.0	104		40 - 130	

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Polynuclear Aromatic Hydrocarbons (EPA Method 8270C-SIM)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B113331	Used client sample: N										
p-Terphenyl-d14 (Surrogate)	MS	2118955-91	ND	0.12929	0.13468	mg/kg		96.0		30 - 130	
	MSD	2118955-91	ND	0.14700	0.13514	mg/kg	12.8	109		30 - 130	

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B112719						
TPH - Diesel (FFP)	B112719-BLK1	ND	ug/L	200	74	
TPH - Hydraulic Oil / Motor Oil	B112719-BLK1	ND	ug/L	500	160	
QC Batch ID: B113144						
TPH - Diesel (FFP)	B113144-BLK1	ND	mg/kg	10	2.2	
TPH - Hydraulic Oil / Motor Oil	B113144-BLK1	ND	mg/kg	20	7.0	

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B112719										
TPH - Diesel (FFP)	B112719-BS1	LCS	1926.1	2500.0	ug/L	77.0		52 - 128		
QC Batch ID: B113144										
TPH - Diesel (FFP)	B113144-BS1	LCS	77.357	82.508	mg/kg	93.8		64 - 124		

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Project Number: 19305
Project Manager: James R. Steele

Total Petroleum Hydrocarbons

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B112719	Used client sample: N										
TPH - Diesel (FFP)	MS	2118955-58	ND	1773.6	2500.0	ug/L		70.9		50 - 127	
	MSD	2118955-58	ND	1783.4	2500.0	ug/L	0.6	71.3	24	50 - 127	
QC Batch ID: B113144	Used client sample: N										
TPH - Diesel (FFP)	MS	2118955-39	ND	84.379	83.893	mg/kg		101		52 - 131	
	MSD	2118955-39	ND	75.785	84.459	mg/kg	10.7	89.7	30	52 - 131	

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: B113137						
Mercury	B113137-BLK1	ND	mg/kg	0.16	0.016	
QC Batch ID: B113490						
Antimony	B113490-BLK1	ND	mg/kg	5.0	0.33	
Arsenic	B113490-BLK1	ND	mg/kg	1.0	0.40	
Barium	B113490-BLK1	ND	mg/kg	0.50	0.18	
Beryllium	B113490-BLK1	ND	mg/kg	0.50	0.047	
Cadmium	B113490-BLK1	ND	mg/kg	0.50	0.052	
Chromium	**B113490-BLK1**	**0.22199**	**mg/kg**	**0.50**	**0.050**	**J**
Cobalt	B113490-BLK1	ND	mg/kg	2.5	0.098	
Copper	B113490-BLK1	ND	mg/kg	1.0	0.050	
Lead	B113490-BLK1	ND	mg/kg	2.5	0.41	
Molybdenum	B113490-BLK1	ND	mg/kg	2.5	0.050	
Nickel	**B113490-BLK1**	**0.16778**	**mg/kg**	**0.50**	**0.15**	**J**
Selenium	B113490-BLK1	ND	mg/kg	1.0	0.98	
Silver	B113490-BLK1	ND	mg/kg	0.50	0.067	
Thallium	B113490-BLK1	ND	mg/kg	5.0	0.64	
Vanadium	B113490-BLK1	ND	mg/kg	0.50	0.11	
Zinc	B113490-BLK1	ND	mg/kg	2.5	0.087	

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
QC Batch ID: B113137										
Mercury	B113137-BS1	LCS	0.82720	0.80000	mg/kg	103		80 - 120		
	B113137-BSD1	LCSD	0.79680	0.80000	mg/kg	99.6	3.7	80 - 120	20	
QC Batch ID: B113490										
Antimony	B113490-BS1	LCS	97.438	100.00	mg/kg	97.4		75 - 125		
Arsenic	B113490-BS1	LCS	18.714	20.000	mg/kg	93.6		75 - 125		
Barium	B113490-BS1	LCS	106.80	100.00	mg/kg	107		75 - 125		
Beryllium	B113490-BS1	LCS	9.7704	10.000	mg/kg	97.7		75 - 125		
Cadmium	B113490-BS1	LCS	10.023	10.000	mg/kg	100		75 - 125		
Chromium	B113490-BS1	LCS	103.09	100.00	mg/kg	103		75 - 125		
Cobalt	B113490-BS1	LCS	103.26	100.00	mg/kg	103		75 - 125		
Copper	B113490-BS1	LCS	99.079	100.00	mg/kg	99.1		75 - 125		
Lead	B113490-BS1	LCS	106.24	100.00	mg/kg	106		75 - 125		
Molybdenum	B113490-BS1	LCS	100.65	100.00	mg/kg	101		75 - 125		
Nickel	B113490-BS1	LCS	102.38	100.00	mg/kg	102		75 - 125		
Selenium	B113490-BS1	LCS	18.359	20.000	mg/kg	91.8		75 - 125		
Silver	B113490-BS1	LCS	9.8144	10.000	mg/kg	98.1		75 - 125		
Thallium	B113490-BS1	LCS	119.01	100.00	mg/kg	119		75 - 125		
Vanadium	B113490-BS1	LCS	102.00	100.00	mg/kg	102		75 - 125		
Zinc	B113490-BS1	LCS	100.40	100.00	mg/kg	100		75 - 125		

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B113137	Used client sample: N										
Mercury	DUP	2119801-52	0.23548	0.24194		mg/kg	2.7		20		
	MS	2119801-52	0.23548	0.88387	0.80645	mg/kg		80.4		80 - 120	
	MSD	2119801-52	0.23548	0.93226	0.80645	mg/kg	5.3	86.4	20	80 - 120	
QC Batch ID: B113490	Used client sample: Y - Description: SS-1, 06/18/2021 09:00										
Antimony	DUP	2119955-07	ND	ND		mg/kg			20		
	MS	2119955-07	ND	35.400	100.00	mg/kg		35.4		16 - 119	
	MSD	2119955-07	ND	34.206	100.00	mg/kg	3.4	34.2	20	16 - 119	
Arsenic	DUP	**2119955-07**	**2.2482**	**2.9779**		**mg/kg**	**27.9**		**20**		**A02**
	MS	**2119955-07**	**2.2482**	**19.385**	**20.000**	**mg/kg**		**85.7**		**75 - 125**	
	MSD	**2119955-07**	**2.2482**	**19.781**	**20.000**	**mg/kg**	**2.0**	**87.7**	**20**	**75 - 125**	
Barium	DUP	2119955-07	37.074	43.121		mg/kg	15.1		20		
	MS	2119955-07	37.074	133.77	100.00	mg/kg		96.7		75 - 125	
	MSD	2119955-07	37.074	132.47	100.00	mg/kg	1.0	95.4	20	75 - 125	
Beryllium	DUP	**2119955-07**	**0.18738**	**0.23158**		**mg/kg**	**21.1**		**20**		**J,A02**
	MS	**2119955-07**	**0.18738**	**8.6929**	**10.000**	**mg/kg**		**85.1**		**75 - 125**	
	MSD	**2119955-07**	**0.18738**	**8.7075**	**10.000**	**mg/kg**	**0.2**	**85.2**	**20**	**75 - 125**	
Cadmium	DUP	2119955-07	0.43990	0.51947		mg/kg	16.6		20		
	MS	2119955-07	0.43990	9.3645	10.000	mg/kg		89.2		75 - 125	
	MSD	2119955-07	0.43990	9.3507	10.000	mg/kg	0.1	89.1	20	75 - 125	
Chromium	DUP	**2119955-07**	**34.460**	**10.117**		**mg/kg**	**109**		**20**		**Q01**
	MS	**2119955-07**	**34.460**	**98.963**	**100.00**	**mg/kg**		**64.5**		**75 - 125**	**Q03**
	MSD	**2119955-07**	**34.460**	**98.645**	**100.00**	**mg/kg**	**0.3**	**64.2**	**20**	**75 - 125**	**Q03**
Cobalt	DUP	2119955-07	3.0051	3.2757		mg/kg	8.6		20		
	MS	2119955-07	3.0051	94.277	100.00	mg/kg		91.3		75 - 125	
	MSD	2119955-07	3.0051	89.097	100.00	mg/kg	5.6	86.1	20	75 - 125	
Copper	DUP	2119955-07	9.7283	10.438		mg/kg	7.0		20		
	MS	2119955-07	9.7283	99.230	100.00	mg/kg		89.5		75 - 125	
	MSD	2119955-07	9.7283	99.273	100.00	mg/kg	0.0	89.5	20	75 - 125	
Lead	DUP	2119955-07	4.8458	4.9718		mg/kg	2.6		20		
	MS	2119955-07	4.8458	91.884	100.00	mg/kg		87.0		75 - 125	
	MSD	2119955-07	4.8458	91.434	100.00	mg/kg	0.5	86.6	20	75 - 125	
Molybdenum	DUP	2119955-07	ND	ND		mg/kg			20		
	MS	2119955-07	ND	86.008	100.00	mg/kg		86.0		75 - 125	
	MSD	2119955-07	ND	85.492	100.00	mg/kg	0.6	85.5	20	75 - 125	
Nickel	DUP	**2119955-07**	**17.623**	**7.1667**		**mg/kg**	**84.4**		**20**		**Q01**
	MS	**2119955-07**	**17.623**	**91.440**	**100.00**	**mg/kg**		**73.8**		**75 - 125**	**Q03**
	MSD	**2119955-07**	**17.623**	**90.979**	**100.00**	**mg/kg**	**0.5**	**73.4**	**20**	**75 - 125**	**Q03**

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Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Total Concentrations (TTLC)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
QC Batch ID: B113490	Used client sample: Y - Description: SS-1, 06/18/2021 09:00										
Selenium	DUP	2119955-07	ND	ND		mg/kg			20		
	MS	2119955-07	ND	16.654	20.000	mg/kg		83.3		75 - 125	
	MSD	2119955-07	ND	17.283	20.000	mg/kg	3.7	86.4	20	75 - 125	
Silver	DUP	2119955-07	ND	ND		mg/kg			20		
	MS	2119955-07	ND	8.3377	10.000	mg/kg		83.4		75 - 125	
	MSD	2119955-07	ND	8.2295	10.000	mg/kg	1.3	82.3	20	75 - 125	
Thallium	DUP	2119955-07	ND	ND		mg/kg			20		
	MS	2119955-07	ND	93.123	100.00	mg/kg		93.1		75 - 125	
	MSD	2119955-07	ND	92.954	100.00	mg/kg	0.2	93.0	20	75 - 125	
Vanadium	DUP	2119955-07	17.691	20.941		mg/kg	16.8		20		
	MS	2119955-07	17.691	110.52	100.00	mg/kg		92.8		75 - 125	
	MSD	2119955-07	17.691	110.35	100.00	mg/kg	0.2	92.7	20	75 - 125	
Zinc	DUP	2119955-07	52.691	63.603		mg/kg	18.8		20		
	MS	2119955-07	52.691	145.32	100.00	mg/kg		92.6		75 - 125	
	MSD	2119955-07	52.691	148.01	100.00	mg/kg	1.8	95.3	20	75 - 125	

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Tetra Tech, Inc.- Santa Barbara
5383 Hollister, Suite 130
Santa Barbara, CA 93111

Reported: 07/08/2021 11:49
Project: Rio School District South Rose Avenue Project
Project Number: 19305
Project Manager: James R. Steele

Notes And Definitions

J	Estimated Value (CLP Flag)
MDL	Method Detection Limit
ND	Analyte Not Detected
PQL	Practical Quantitation Limit
A01	Detection and quantitation limits are raised due to sample dilution.
A02	The difference between duplicate readings is less than the quantitation limit.
A10	Detection and quantitation limits were raised due to matrix interference.
A19	Surrogate is high due to matrix interference. Interferences verified through second extraction/analysis.
A20	Surrogate is low due to matrix interference. Interference verified through second extraction/analysis.
A52	Chromatogram not typical of diesel.
A57	Chromatogram not typical of motor oil.
L01	The Laboratory Control Sample Water (LCSW) recovery is not within laboratory established control limits.
Q01	Sample precision is not within the control limits.
Q03	Matrix spike recovery(s) was(were) not within the control limits.
S08	The internal standard on the sample was not within the control limits.
S09	The surrogate recovery for this compound was not within the control limits.
Z1	Sample was analysed twice and both times internal standard and surrogates were low.

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G SUPPLEMENTAL SITE INVESTIGATION

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Job No. 112G-SBA-T41501

Technical Memorandum
Supplemental Site Investigation
Field Sampling Plan
Rio Del Valle Middle School Expansion Project
South Parcel
2600 North Rose Avenue
Oxnard, California 93036

Prepared for:

Rio School District
1800 Solar Drive
Oxnard, California 93030

Prepared by:

Tetra Tech
5383 Hollister Avenue, Suite 130
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June 21, 2022

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1.0 INTRODUCTION

This Technical Memorandum Supplemental Site Investigation Field Sampling Plan (SSIFSP) has been prepared by Tetra Tech and is being submitted to the California Environmental Protection Agency (Cal/EPA), Department of Toxic Substances Control (DTSC), School Evaluation and Cleanup Branch on behalf of the Rio School District (RSD) for their Rio Del Valle Middle School Expansion Project South Campus Expansion Area (South Parcel) Supplemental Site Investigation (SSI). The scope of services for this SSI have been developed to assist the RSD in further assessing the nature and extent of total petroleum hydrocarbons (TPH) identified in Site surface soils at concentrations above Screening Levels that were identified in soil samples collected for the *Phase II Environmental Assessment Rio Del Valle Middle School Expansion Project 2600 North Rose Avenue, Oxnard California 93063* (Tetra Tech 2021b), potential organochlorine pesticides (OCPs) from former termiticide applications, and lead based paint (LPB) in soil around the existing residential structure, garage, and utility shed that were identified in the *Phase I Environmental Assessment, Rio Del Valle Middle School Expansion Project, 2600 North Rose Avenue, Oxnard, California 93036* (Tetra Tech 2021a). The SSIFSP is based on the scope of work agreed on by DTSC, Tetra Tech, RSD, and Sage Realty (Sage) at the SSI scoping telephone conference conducted on June 14, 2022.

The Rio Del Valle Middle School Expansion Project South Parcel site (hereinafter referred to as the Site) Site is located on a 11.1 acre rectangular-shaped portion of APN 144-0-110-590 at 2600 North Rose Avenue, a 21.98 acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). The RSD proposes to acquire and develop the 11.1-acre Site with new educational and support facilities as part of the Rio Del Valle Middle School Expansion Project. The proposed development for the Site includes a Transportation and Parking Facility in the western half of the Site (approximately 5.6 acres). The eastern half of the Site (approximately 5.4 acres) may be developed as part of the adjacent Rio Del Valle Middle School campus at a future point in time with recreation/athletic facilities including tennis courts and basketball courts.

This Technical Memorandum SSIFSP includes limited background and historical use information regarding the Site. A detailed summary of Site background and historical use information for the Site is presented in the *Phase I Environmental Assessment, Rio Del Valle Middle School Expansion Project, 2600 North Rose Avenue, Oxnard, California 93036.* (Tetra Tech 2021a). This Technical Memorandum is intended to provide details of the proposed SSI sampling and analytical work proposed for the Site in the SSI scoping telephone conference conducted on June 14, 2022. The scope of the SSI report will conform to the *PEA Guidance Manual* (DTSC 2015b) and will present findings from human health screening evaluations for the Site based upon the potential contaminants of concern identified through the field sampling program proposed here.

1.1 DESIGNATED CONTACT PERSONS

The primary designated contact persons for Tetra Tech are Jim Steele and Randy Westhaus. Jim Steele is the Project Manager and Randy Westhaus is Tetra Tech's California Schools Director. Their contact information is:

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The designated contact person for the RSD is Wael Saleh. Mr. Saleh is the Assistant Superintendent, Chief Business Official for the RSD. The contact information for Mr. Saleh is:

Wael Saleh
Assistant Superintendent, Chief Business Official
Rio School District
1800 Solar Drive
Oxnard, California 93030
Phone (805) 485-3111

2.0 SITE DATA

2.1 SITE LOCATION AND DESCRIPTION

The Site is located on a 11.1 acre rectangular-shaped portion of APN 144-0-110-590 at 2600 North Rose Avenue, a 21.98-acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). The Site is owned by KMS Industries, Inc. and is leased by Reiter Affiliated Companies. At the time of the June 18, 2021 Phase II ESA field sampling event, the Site comprised an approximate 11.1-acre area of the 21.98-acre parcel owned by KMS Industries, Inc. and was leased by Reiter Affiliated Companies (Figure 2). In June 2021, the Site contained (approximately) a 0.3-acre Residence, 0.25-acre Tenant Storage Yard, a 0.45-acre vacant area that was formerly the Junk Vehicle Storage Area, a 1.1-acre Farm Equipment Storage and Parking Area, and a 0.3-acre Farm Yard. The remaining 8.7 acres of the Site was occupied by areas of organic raspberry production with access roads. Historical aerial photographs and Google Earth images indicate that the Site was previously used for cultivation of row crops and orchards. The agricultural section of the Site was planted in organic raspberries under shade structures when the Phase II ESA sampling was performed. The Residence contains an unmaintained swimming pool, yard, parking area and garage, and tool shed. The Junk Vehicle Storage Area formerly contained approximately 30 junk cars. The Tenant Storage Yard formerly contained a trailer, motor a home, two storage containers, and a utility truck. The vehicles in the former Junk Vehicle Storage Area and items in the Tenant Storage Yard had been removed before the June 18, 2021 sampling event. The Farm Equipment Storage and Parking Area contained agricultural equipment such as fertilizer tanks, shade structures, tarps, wood, and motorized equipment. Three cylindrical steel above ground storage tanks (ASTs) with steel secondary containment bins that are owned and operated by Reiter Affiliated Companies were observed in the Farm Equipment Storage and Parking Area (Figure 2). The ASTs contained diesel fuel, red diesel fuel, and gasoline for farm equipment. The two diesel ASTs are approximately 300 gallons capacity each and the gasoline AST is approximately 500 gallons capacity. The ASTs are within individual steel containment bins.

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3.0 PHYSICAL SETTING AND CONDITIONS

The Site is depicted on the Oxnard, California Quadrangle U.S. Geological Survey (USGS) 7.5-minute topographic series map (USGS 2015) (Figure 1). The geographic coordinates of the Site are approximately Latitude 34° 13' 50.75" North, Longitude 119° 9' 15.86" West (Google Earth 2021). Surface elevations at the Site range from approximately 94 feet above mean sea level (msl) in the northwest corner of the Site to 89 feet above msl in the southeast corner of the Site with a topographic gradient that is generally flat with a gentle slope to the southeast (EDR 2021).

3.1 REGIONAL GEOLOGY

The Site is located in Ventura County on the Oxnard Plain of the central Ventura Basin within the Western Transverse Ranges geomorphic province of California. This geomorphic province is distinguished by the prevailing east-west linear trend of its geologic structure and geomorphology in contrast to the predominant northwest-southeast trend of the geomorphic features within most other provinces of the state. The province is bounded by major faults, including the San Andreas Fault zone in the northeast, the Big Pine fault in the north and the Malibu Coast fault in the south. Most of the faults in Ventura County are reverse faults which dip north, including the Pine Mountain, Red Mountain, San Cayetano, Santa Susana, Simi, Ventura, and Malibu Coast faults (Norris and Webb 1990).

The Ventura Basin is a large synclinal structure situated between the Santa Ynez Range and Topa Mountains on the north, the Channel Islands and Santa Monica Mountains on the south, the San Gabriel Fault on the east, and extending to the western end of the Santa Barbara Channel (Norris and Webb 1990). Structure in the Oxnard Plain is characterized by a series of broadly folded west-trending and east-northeast–trending anticlines and synclines associated with thrust and reverse faults that formed in the Saugus Formation and may have also deformed the overlying older alluvium (California Department of Conservation, California Geologic Survey [CGS] 2002).

3.2 LOCAL GEOLOGY

Locally, the Site is situated in the Oxnard Plain sub-province. Lithologic units of sedimentary origin underlying the nearly flat Oxnard Plain are approximately 45,000 feet in thickness and consist of Upper Cretaceous, Tertiary, and Quaternary-age units which have been deposited on a pre-Upper Cretaceous base of igneous and/or metamorphic rock. Unconsolidated Holocene (last 11,000 years) sediments beneath the Site were deposited during the post-glacial period in marine, lagoonal, lacustrine, fluvial-flood plain, deltaic and eolian environments, including the pre-historic delta of the ancient Santa Clara River and Calleguas Creek and reach a depth of approximately 900 feet beneath the Oxnard Plain (Clahan et al 2003; Turner and Mukae 1975).

3.3 HYDROLOGY

3.3.1 Hydrogeology

The Site is situated at the eastern edge of the Oxnard Forebay basin, a subbasin of the larger Santa Clara-Calleguas groundwater basin. The Oxnard Forebay is an important groundwater recharge area for valuable resources of groundwater in aquifers underlying the Oxnard Plain. The unconsolidated sediments beneath the Oxnard Forebay and the Site are composed of both continental and marine deposits of Tertiary and Quaternary age. They contain multiple aquifers of coarse grain sediments with intervening fine grain aquitards. Aquifers have been grouped into an Upper Aquifer System (UAS) and a Lower Aquifer System (LAS) based on changes in geologic structure and separated in many areas by

regional layers of low permeability clay. The UAS sediments are relatively flat lying and extend to approximately 400 feet beneath the Site. The sediments in the LAS are more structurally complex, resulting from folding and faulting. In the Oxnard Forebay, alluvial sediments in the subsurface are predominantly coarse grain sands and gravels. Fine grain sediments, such as silts and clays, that can act as confining layers are generally absent or discontinuous. This condition allows for direct recharge of the UAS from the surface and some recharge of the LAS from the UAS in the subsurface (Fox Canyon Ground Water Management Agency 2017; Turner and Mukae 1975).

The first encountered groundwater beneath the Site is in the UAS. Review of potentiometric maps for the UAS from 1972 through 2016 indicate that the depth to groundwater ranged from approximately 33 feet below ground surface (bgs) to 133 feet bgs during that time period (Fox Canyon Groundwater Management Agency 2015). The most recent groundwater elevation data for fall 2016 indicates that the first encountered groundwater in the Site area was at approximately -36 feet below mean sea level (msl) or approximately 133 feet bgs (Fox Canyon Groundwater Management Agency 2019). The depth to the highest known historical groundwater level in the Site area is approximately 20 feet bgs (CGS 2002).

4.0 PHASE I ESA

Tetra Tech completed a Phase I ESA for the Site in 2021 (Tetra Tech 2021a) The key information from the Phase I ESA is summarized in this section.

The review of historical aerial photographs and maps, and interviews with the current owner, indicate the Site and adjacent areas have been used for agricultural production (row crops) since at least 1927. The Site is currently being used for organic crop cultivation and has been over the last 10 years. Tetra Tech reviewed the Geologic Energy Management Division's (CalGEM, formerly DOGGR) online mapping application Well Finder (CalGEM 2020), Map 214 (California Department of Conservation, Division of Oil, Gas, and Geothermal Resources [DOGGR] 2000]), and associated well history documents to evaluate potential presence of oil fields and wells within the Site vicinity. Records indicate that the Site is not located in an oil field. The nearest oil field to the Site is the Santa Clara Avenue Field, located approximately 0.5 to 1 mile southeast of the Site. There are no known active or abandoned wells on Site. No oil production related pipelines or other facilities are located onsite or are known to have formerly been located onsite (Tetra Tech 2021a).

Tetra Tech reviewed online resources at the Cal EPA State Water Resources Control Board (SWRCB) GeoTracker database (SWRCB 2021) for any records pertaining to the Site and surrounding area. The GeoTracker database did not show any records for cases located on the Site. According to the GeoTracker database, four closed Leaking Underground Storage Tanks (LUSTs) are present approximately 0.2 miles southwest of the Site along Auto Center Drive. In addition, two closed LUSTs are present approximately 0.5 miles northeast of the Site on North Rose Avenue. These six sites do not pose a risk to the Site (Tetra Tech 2021a).

The following Recognized Environmental Conditions (RECs) were identified for the Site in the 2021 Phase I ESA:

- REC 1: Potential impacts from former agricultural pesticide application;
- REC 2: Potential bunker oil releases from potential former smudge pot frost abatement;
- REC 3: Hydrocarbon and potentially toxic metals releases to surface soil from junk vehicles formerly stored at the Site;
- REC 4: Hydrocarbon releases to surface soil from the two-diesel fuel and one gasoline ASTs at the Site;
- REC 5: Three PCB-containing pole-mounted electrical transformers; and
- REC 6: Three high volume water transmission pipelines within 1,500 feet of the Site.

The following four *de minimis* conditions have been identified in the Phase I ESA.

- Potential that asbestos containing building materials (ACBMs) may be present in the building materials in the residence area structures.

- Potential that lead based paint (LBP) in the building materials in the residence area structures and LBP chips may be present in the surface soil surrounding the residence area structures.

- The residence is connected to a septic system. The location of the septic system appurtenances (leach field and septic tank) were not disclosed by the property owner to Tetra Tech.

- The minor housekeeping issues observed in the residence area included fertilizers, paint, and cleaning products found throughout the home and storage area, and the haphazardly stored items (old paint, fertilizer product, equipment, etc.) in the wood shed.

The Phase I ESA recommended that a Phase II ESA be performed to assess RECs 1 through 5 in accordance with DTSC guidelines for completing a Preliminary Environmental Assessment (PEA) including the *Preliminary Endangerment Guidance Manual* (DTSC January 1994, Revised October 2015b) (PEA Guidance Manual) and the *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (DTSC 2008) (Agricultural Fields Guidance). To evaluate the potential risks posed by REC 6, a hazardous pipeline assessment should be conducted in accordance with the *Guidance Protocol for School Site Pipeline Risk Analysis* (California Department of Education [CDE] 2007).

5.0 PHASE II ESA SUMMARY

On behalf of the RSD, Tetra Tech prepared the Phase II ESA report dated September 24, 2021 (Tetra Tech 2021b). The Phase II ESA field sampling program assessed RECs 1 through 5 as described below.

- REC 1, potential impacts from former agricultural pesticide application, was assessed by the collection of 20 discrete surface soil samples at depths of 0 to 0.5 feet bgs that were combined into five composite samples and one duplicate composite sample and analyzed for OCPs using United States Environmental Protection Agency (USEPA) method 8081A, and the collection of five discrete surface soil samples and one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for total arsenic using United States EPA method 6010B.

- REC 2, potential bunker oil releases from potential former smudge pot frost abatement, was assessed by the collection of 10 discrete surface soil samples at depths and one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for semivolatile organic compounds (SVOCs) using EPA method 8270C, polyaromatic hydrocarbons (PAHs) using EPA method 8270C SIM, and diesel fuel total petroleum hydrocarbons (TPHd) and hydraulic oil/motor oil total petroleum hydrocarbons (TPHh/m) using EPA method 8015M.

- REC 3, Hydrocarbon and potentially toxic metals releases to surface soil from junk vehicles formerly stored at the site and REC 4, Hydrocarbon releases to surface soil from the two diesel fuel and one gasoline ASTs, were assessed by the collection of 7 discrete surface soil samples at depths and one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for CAM 17 Metals using EPA method 6010B/7471A, SVOCs using EPA method 8270C, PAHs using EPA method 8270C SIM, gasoline range total petroleum hydrocarbons (TPHg) using the LUFT gas chromatograph/mass spectrometer (GC/MS) method, TPHd and TPHh/m using EPA method 8015M, and volatile organic compounds (VOCs) using EPA method 8260B.

- REC 5, Three pole-mounted electrical transformers, was assessed by the collection of 3 discrete surface soil samples at depths one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for PCBs using EPA method 8082.

The Phase II ESA surface soil sample analysis results did not yield OCPs and arsenic (REC 1), SVOCs and PAHs (REC 2), VOCs (REC 4), and PCBs (REC 5) at concentrations above relevant screening levels. The Phase II ESA surface soil sample results did indicate that TPHg, TPHd, and TPHh/m are present at the Site at concentrations above relevant screening levels due to releases from the junk vehicles previously stored at the Site and the fuel storage ASTs (RECs 3 and 4). The locations of the surface soil samples with TPHg, TPHd, and TPHh/m with concentrations above relevant screening levels is shown on Figure 3 and summarized in Table 1 for the Phase II ESA TPHg, TPHd, and TPHh/m sample results.

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6.0 PEA EQUIVALENT

On behalf of the RSD, Tetra Tech submitted the Phase I ESA (Tetra Tech 2021a) and Phase II ESA (Tetra Tech 2021b) to DTSC as a PEA Equivalent on March 30, 2022. In a letter dated May 10, 2022, the DTSC concurred with the adequacy of the PEA Equivalent pending review of public comments (DTSC 2022). DTSC's comments on the PEA Equivalent report were included as an attachment to the letter identifying discrepancies that required clarification and/or modification that should be addressed in the SSI. Potential impacts to the soils around the residential structures from OCPs in termiticides and LBP in soil were identified as items that should be further assessed in the SSI.

A SSI scoping telephone conference was conducted on June 14, 2022 between DTSC, Tetra Tech, RSD, and Sage. The discrepancies that required clarification and/or modification in the May 10, 2022 DTSC letter were discussed in the scoping meeting and resolved for the SSI. The proposed SSI work plan was discussed during the scoping telephone conference, and adjustments were made to the SSI work plan initially presented by Tetra Tech based on DTSC comments. The SSI scope of work presented below is based on the scope of work agreed on by DTSC, Tetra Tech, RSD, and Sage during the SSI scoping telephone conference.

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7.0 SSI FIELD SAMPLING PLAN

7.1 SAMPLING STRATEGY AND APPROACH

The field sampling assessment will consist of a subsurface soil sample collection program using direct push drill drilling and hand auger sampling methods with fixed laboratory sample analysis, and soil gas sample collection using direct push drilling methods and a mobile laboratory. The following subsections describe the rationale and scope of sampling. The Site ground surface is relatively flat and may be partially planted in crops during implementation of the SSI sampling program. The areas for the proposed SSI field work will not be in areas of the Site that will be planted in crops.

7.1.1 Rationale

The proposed SSI sample locations discussed below are shown on Figure 4. The SSI is being performed to further assess:

- The lateral and vertical extent of TPHg, TPHd, and TPHh/m at concentrations in soil at or above relevant screening levels at the seven locations where TPHg, TPHd, and TPHh/m were detected in surface soil samples at concentrations exceeding relevant screening levels (SS-10, SS-23, SS-24, SS-25, SS-26, SS-28, and SS-29);

- Potential TPHg and VOC soil gas at 5 and 10 feet bgs at concentrations at or above relevant screening levels at the seven locations where TPHg, TPHd, and TPHh/m were detected in surface soil samples at concentrations exceeding relevant screening levels (SS-10, SS-23, SS-24, SS-25, SS-26, SS-28, and SS-29) and in the vicinity of surface sample locations SS-1 and SS-22;

- Potential OCPs at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) and subsurface soil (2.5-3.0 feet bgs) in the soil within 2 feet of the residential structures at proposed sample locations SS-30 through SS-40; and

- Potential LBP at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) in the soil within 2 feet of the residential structures at proposed sample locations SS-30 through SS-40.

Relevant constituent screening levels are defined as those that were identified in the May 10, 2022 DTSC letter (DTSC 2022) per the DTSC's Toxicity Criteria Rule (https://dtsc.ca.gov/regs/toxicity-criteria-for-human-health-risk-assessment/). The screening levels provided in *Human Health Risk assessment (HHRA) Note Number 3 DTSC Modified Screening Levels (DTSC-SLs)* (DTSC 2020, Revised 2022) will be used in preference to U.S. Environmental Protection Agency (U.S. EPA) Regional Screening Levels (RSLs) (U.S. EPA 2022) when evaluating contaminants in environmental media at California sites and facilities. When screening levels for a chemical are not listed in HHRA Note Number 3, USEPA's RSL tables should be used. The San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Levels (ESLs) will be used for TPHg, TPHd, and TPHh/m (SFRWQCB 2019).

7.1.2 Field Coordination

Tetra Tech will coordinate Site access with the Site owner, KMS Industries, Inc. and tenant, Reiter Affiliated Companies prior to performing the SSI field sampling. The soil samples will be collected using sampling methods that will be executed in a manner that avoids damaging crops and Site infrastructure.

7.2 SAMPLING METHODS AND PROCEDURES

This section describes the methods and procedures that will be used to collect and analyze soil samples and soil gas samples.

7.2.1 Sample Site Location and Utility Clearance

The GPS coordinates of the seven soil sample locations where TPHg, TPHd, and TPHh/m were detected at concentrations exceeding relevant screening levels (sample locations SS-10, SS-23, SS-24, SS-25, SS-26, SS-28, and SS-29) and sample locations SS-1 and SS-22 were previously mapped in the field. These GPS sample location coordinates will be used to relocate these sample locations for the SSI using the ESRI Collector program system. The estimated new sample locations for samples SS-30 through SS-40 and the step out samples for sample locations SS-10, SS-23, SS-24, SS-25, SS-26, SS-28, and SS-29 will be entered into the ESRI Collector program prior to field work and corrected in the field as needed. Sample locations depths in feet bgs will be recorded using the ESRI Collector program and in our field notes. These data will be presented on figures and in tables in the SSI report. The utility clearance for these soil sample locations will be performed by meeting with Site owner, KMS Industries, Inc. and tenant, Reiter Affiliated Companies prior to performing the SSI field sampling. In addition, Tetra Tech will mark the proposed boring locations and contact Underground Service Alert (USA) to provide markout services. Tetra Tech will not be responsible for utilities encountered during drilling that have not been marked out by USA, or physically indicated in the field by RSD.

7.2.2 SSI Sampling Program

7.2.2.1 Soil Gas Survey

A soil gas survey will be conducted to assess potential gasoline range total petroleum hydrocarbons TPHg and VOC soil gas in accordance with the *Advisory – Active Soil Gas Investigations* (Advisory) (DTSC and LARWQCB 2015a). Soil gas samples will be collected from 9 monitoring point locations (SS-1, SS-10, SS-22 through SS-26, SS-28, and SS-29) (Figure 4 and Table 1). The soil vapor probes will be installed at each of the locations using a direct-push drilling rig. Two probes will be installed at each location in a nested configuration within each direct-push boring at depths of 5 and 10 feet bgs.

Soil Gas Monitoring Point Construction

The direct push rig will drive to the deep target sampling depth (10.0-10.5 feet bgs) using a 1.75-inch core sampler lined with acetate sleeves to recover soil for logging purposes. Temporary soil gas sampling probes will be constructed by attaching 0.25-inch diameter polyethylene tubing to a gas permeable sampling screen and lowering the screen to the deep target sampling depth (10 feet bgs). Clean sand will be poured into the borehole until it covers the sampling screen by at least 6 inches. Bentonite granular chips will then be poured into the borehole to fill the annular space to approximately 6 inches below the next target sampling depth. The bentonite chips will then be hydrated to seal the sampling probe. This process will be repeated to install the shallower sampling point at 5 feet bgs. The sampling points will be finished with approximately 1 to 2 feet of the sample tubing extending above the ground surface, and the

borehole sealed to ground surface with hydrated bentonite. No purging or sampling will be permitted for a minimum of 30 minutes after probe completion, so that the bentonite has time to form a seal between sample probes. The direct push drilling equipment will be decontaminated between each boring using a phosphate-free detergent wash and successive rinses with potable and deionized water.

Soil Gas Sample Collection Methods

Eighteen discrete soil gas samples will be collected from the 18 soil gas probes installed in the borings at sample locations SS-1, SS-10, SS-22 through SS-26, SS-28, and SS-29 per the Advisory (DTSC and LARWQCB 2015a) for on-site laboratory analysis. Two soil gas duplicate samples will be collected for quality control purposes (Table 1). Prior to purging or sampling, a shut-in test will be conducted to check for leaks in the above-ground sampling system in accordance with Section 4.2.1 of the Advisory (DTSC and LARWQCB 2015a).

Soil Gas Analysis Methods

Soil gas samples collected from the soil gas probes in the borings at sample locations SS-1, SS-10, SS-22 through SS-26, SS-28, and SS-29 will be analyzed by an onsite mobile laboratory for VOCs using EPA method 8260B and TPHg using the LUFT method (Tables 1 and 2).

The proposed method reporting limits and screening levels for soil gas analytical methods are provided in Table 2 (DTSC 2022; SFRWQCB 2019; U.S. EPA 2022).

7.2.2.2 TPHg, TPHd, and TPHh/m Impacted Soil Assessment

Soil Sample Collection

Soil samples will be collected to assess the lateral and vertical extent of the TPHg, TPHd, and TPHh/m impacted soil identified at the seven Phase II ESA sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 (Figure 4 and Table 1). Step out soil samples will be collected at 5 feet (sets A1, B1, C1, and D1) and 10 feet (sets A2, B2, C2, and D2) to the northeast, southeast, southwest, and northwest of each of the seven Phase II ESA sample locations identified above. Soil samples will be collected using direct push drilling continuous core sampling methods at sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 and their associated initial step out sample locations, A1, B1, C1, and D1. Continuous core sampling to 5 feet bgs will be completed at each location. Surface soil samples will be collected from 0 to 0.5 feet bgs at the seven sets of A1, B1, C1, and D1 step out sample locations. Subsurface soil samples will be collected at sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 and their associated step out sample locations, A1, B1, C1, and D1 at a minimum of 1.0 to 1.5 feet bgs or to as deep at 4.5 to 5.0 feet bgs if soil logging indicates that there is contaminated soil deeper than 1.5 feet bgs. Surface soil samples will be collected using hand sampling methods from 0.0 to 0.5 feet bgs at the A2, B2, C2, and D2 step out sample locations associated with sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29. The direct push drilling sampling equipment and hand sampling equipment will be decontaminated between each boring using a phosphate-free detergent wash and successive rinses with potable and deionized water.

After sample collection, the subsurface soil samples collected at sample locations soil SS-10, SS-23 through SS-26, SS-28, and SS-29 and the surface soil samples at their associated initial step out at sample locations, A1, B1, C1, and D1 will be submitted for laboratory analysis (Figure 4 and Table 3). If TPHg, TPHd, and TPHh/m are detected at concentrations exceeding their relevant screening levels in the surface soil samples from the associated initial step out at sample locations, A1, B1, C1, and D1, then the

associated subsurface soil sample and secondary step out surface soil sample (samples A2, B2, C2, and D2) will be submitted for laboratory analysis.

The total number of discrete soil samples that are analyzed for TPHg, TPHd, and TPHh/m will depend on the number of the tentative discrete surface and subsurface soils that require analysis. A minimum of 34 and a maximum of 88 discrete soil samples will be analyzed for TPHg, TPHd, and TPHh/m.

The total number of duplicate soil samples that are analyzed for TPHg, TPHd, and TPHh/m will depend on the number of the tentative discrete surface and subsurface soils that require analysis. A minimum of 4 and a maximum of 9 duplicate soil samples will be analyzed for TPHg, TPHd, and TPHh/m.

The borings will be logged using the Unified Soil Classification System (USCS) as defined in the ASTM methods D 2487-90 (ASTM 2017a) and D 2488-90 (ASTM 2017b). During sampling, a photoionization detector (PID) calibrated with isobutylene gas will be used to monitor the potential presence and concentrations of organic vapors in the breathing zone for workers at each sample location and to screen soil samples. These organic vapor readings will be recorded on field logs prepared by the field geologist/engineer during sampling activities. The drill cuttings and soil samples will be evaluated in the field for staining and odor. The labeled samples will be placed in an ice chest containing pre-cooled artificial ice pending delivery to the analytical laboratory with chain-of-custody (COC) records. Instructions will be included on the COCs directing the laboratory on which discrete samples are to be grouped together for composite sample preparation and analysis.

The following sampling information will be recorded on the field logs: sample number and location, date and time, sample depth, lithologic description in accordance with the USCS (ASTM 2017a, 2017b), description of any visible evidence of soil contamination (i.e., odor, staining), and PID readings.

Soil Sample Analysis

The soil sample analysis schedule is presented in Table 1. The soil sample analyses will be performed by a California State Certified laboratory. The soil samples submitted for laboratory analysis to assess the lateral and vertical extent of the TPHg, TPHd, and TPHh/m impacted soil will be analyzed for TPHg, TPHd, and TPHh/m by USEPA method 8015M.

The laboratory proposed method reporting limits and screening levels for the soil sample analytical methods are provided in Table 3 (DTSC 2022; SFRWQCB 2019; U.S. EPA 2022).

7.2.2.3 Potential OCP and Lead in Soil Assessment

Soil Sample Collection

Soil samples will be collected to assess potential OCPs at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) and subsurface soil (2.5-3.0 feet bgs) in the soil, and lead at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) within 2 feet of the residential structures at proposed sample locations SS-30 through SS-40 (Figure 4 and Table 1). The sample collection and laboratory analysis will be performed in accordance with the *Interim Guidance Evaluation of School Sites with Potential Contamination from Lead Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* (DTSC 2006).

The surface and subsurface soil samples will be collected using hand auger methods with a hand driven split-spoon sampler. Subsurface soil will be directly transferred from the split-spoon sampler into pre-

cleaned glass sample containers provided by the analytical laboratory fitted with Teflon-lined screwcaps. The hand auger sampling equipment, including the split spoon sampler, will be decontaminated between the collection of each soil sample using a phosphate-free detergent wash and successive rinses with potable and deionized water.

Soil Sample Analysis

The soil sample analysis schedule is presented in Table 1. The soil sample analyses will be performed by a California State Certified laboratory. The soil samples submitted for laboratory to assess potential OCP-impacted soil will be analyzed for OCPs by USEPA method 8081A. The soil samples submitted for laboratory to assess potential lead impacted soil will be analyzed for total lead by USEPA method 6010B.

The proposed laboratory method reporting limits and screening levels for the soil sample analytical methods are provided in Table 3 (DTSC 2022; SFRWQCB 2019; U.S. EPA 2022).

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8.0 SSI TECHNICAL MEMORANDUM

Tetra Tech will prepare and submit a SSI Technical Memorandum (SSI TM) to DTSC. The SSI TM will be prepared in letter format and will provide background information about the Site, a description of field assessment activities including any deviations to the SSI TM sampling plan, tabulated analytical data, and maps showing sample locations. Site data will be compared to the relevant constituent screening levels as described in Section 7.1.1 and presented in Tables 2 and 3 in lieu of a Human Health Risk Assessment, and conclusions and recommendations for a Housekeeping Removal Action, Removal Action Work Plan (RAW), or Land Use Covenant will be considered for the TPHg, TPHd, and TPHh/m impacted soil at the Site and potential OCP and lead impacted soil around the residential structures.

A draft and final SSI TM will be prepared for this project and submitted to the DTSC for review and approval.

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9.0 SCHEDULE

Tetra Tech proposes to perform the field sampling (combined with the laboratory analysis) from June 21 through August 30, 2022. DTSC will be notified at least one week before any field work takes place and will be notified immediately of any schedule changes or revisions to the SSIFSP.

The proposed project schedule key milestones are as follows:

- Submit SSI Field Sampling Plan (Technical Memorandum) to DTSC: June 21, 2022
- DTSC Approval of Field Sampling Plan July 1, 2022
- Conduct SSI Field Work July 6-8, 2022
- Submit Draft SSI TM to DTSC August 3, 2022
- Receive DTSC Comments on Draft SSI TM August 16, 2022
- Submit Final SSI TM to DTSC August 23, 2022
- DTSC Approval of Final SSI TM August 30, 2022

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10.0 CERTIFICATION

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

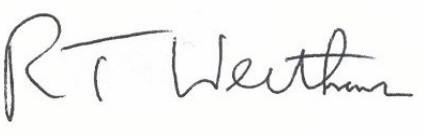
Respectfully submitted,

TETRA TECH, INC.



James R. Steele
Project Manager

California Registered Geologist 5963
Expiration Date May 31, 2023
California Certified Engineering Geologist 1906
Expiration Date May 31, 2023
California Certified Hydrogeologist 247
Expiration Date May 31, 2023



Randy T. Westhaus, P.E.
California Schools Director

California Registered
Mechanical Engineer 025171
Expiration Date September 30, 2023

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11.0 REFERENCES

American Society for Testing and Materials (ASTM)

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2017B *Designation D 2488 - 17, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).*

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Tetra Tech, Inc.

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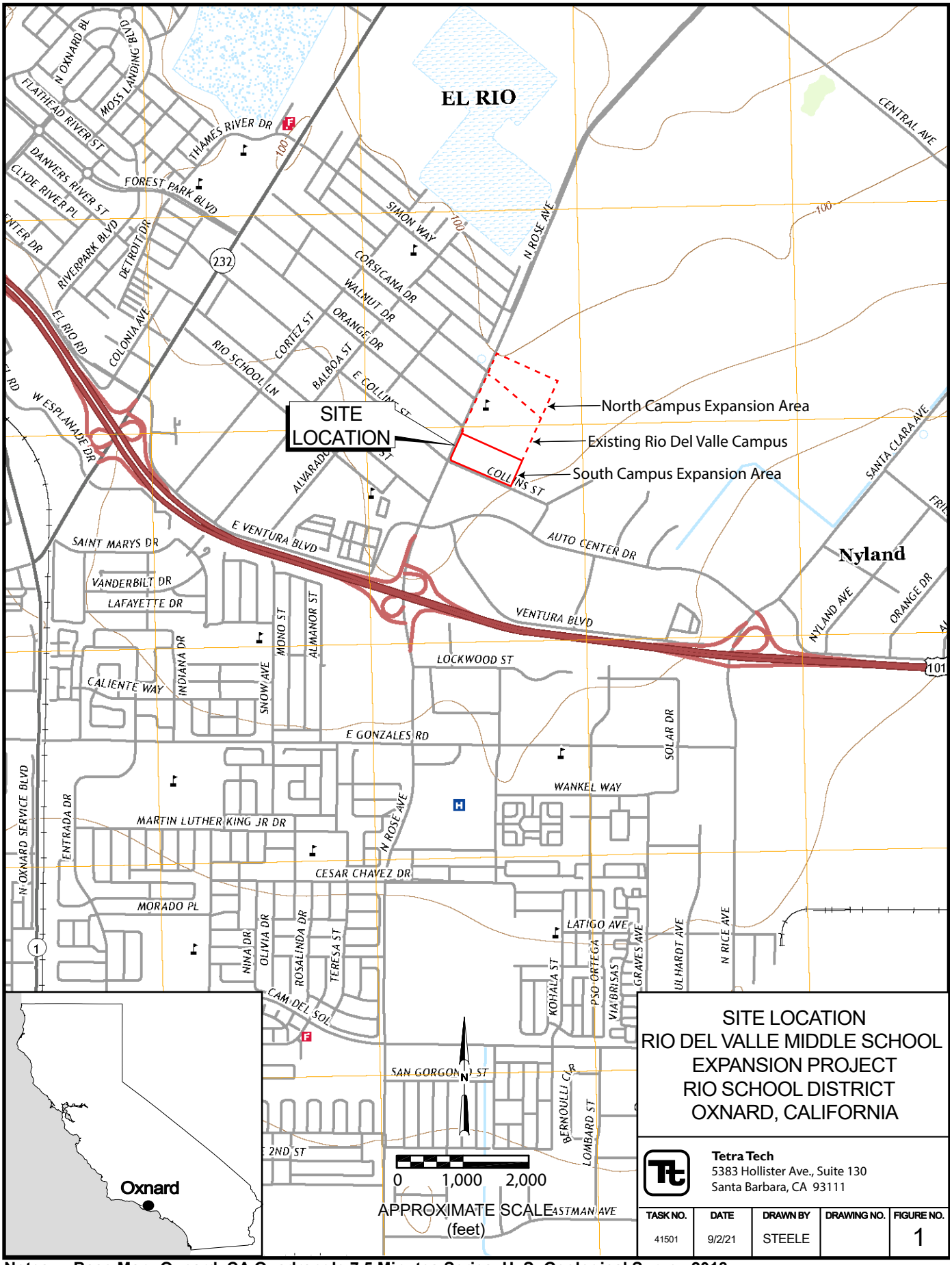
U.S. Environmental Protection Agency (U.S. EPA)

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FIGURES

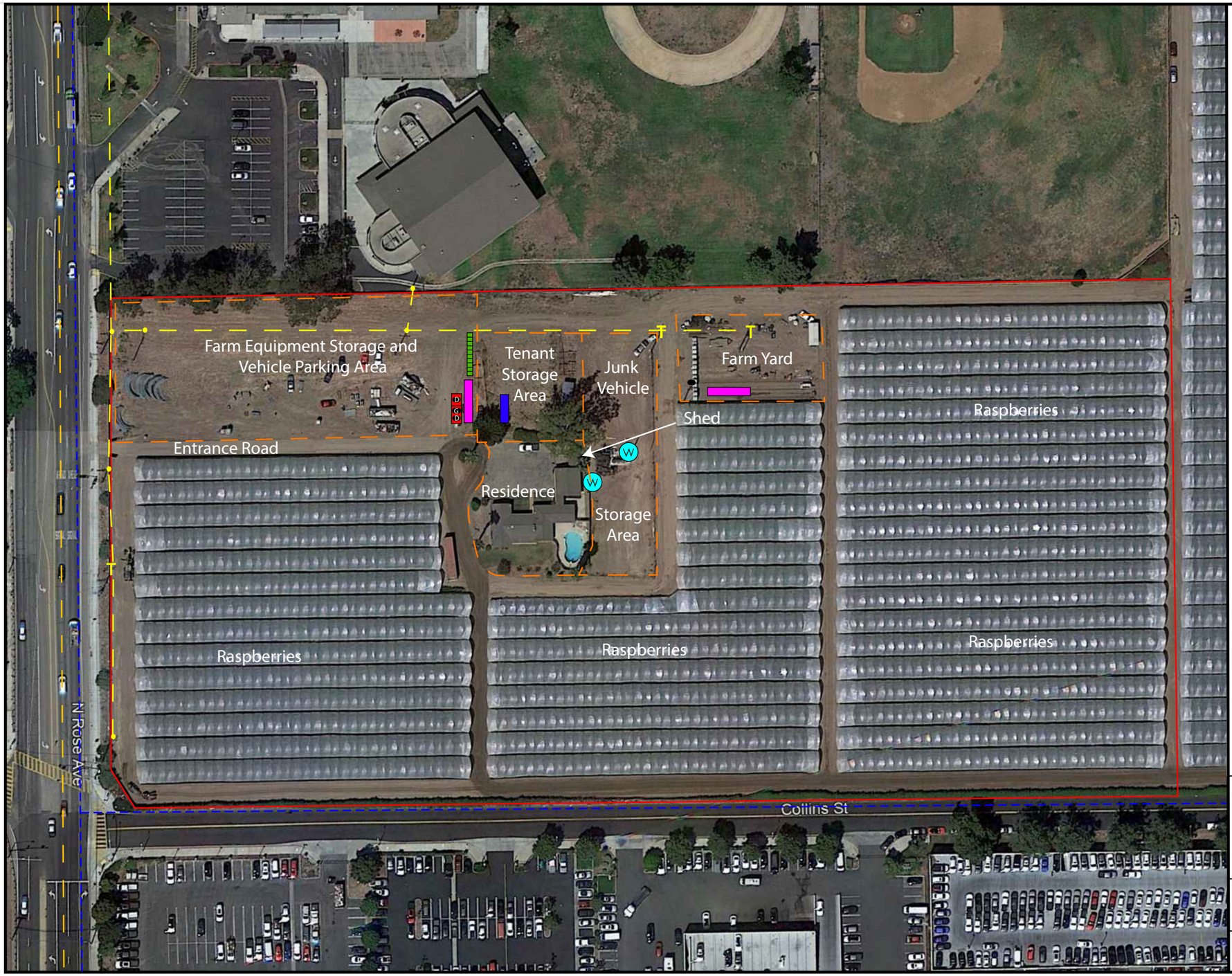


SITE LOCATION
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	DRAWING NO.	FIGURE NO.
41501	9/2/21	STEELE		1

Notes: **Base Map: Oxnard, CA Quadrangle 7.5 Minutes Series, U. S. Geological Survey 2018**



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- T — Pole-Mounted Electrical Transformer
- W — KMS Industries, Inc. Water Well
- Reiter Brothers Storage Container
- Tenant Storage Container
- D G D — Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- 16-inch OD Steel Water Pipeline (City of Oxnard)
- 42-inch OD Steel Water Pipeline (United Water Conservation District)

N

0 50 100

APPROXIMATE SCALE (feet)

SITE PLAN
2600 NORTH ROSE AVENUE
PHASE I ENVIRONMENTAL SITE ASSESSMENT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/7/21	STEELE	2

Base Map: Google Earth Image Dated 8/19/2019.

Table 1
Supplemental Site Investigation Sample Analysis Schedule
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

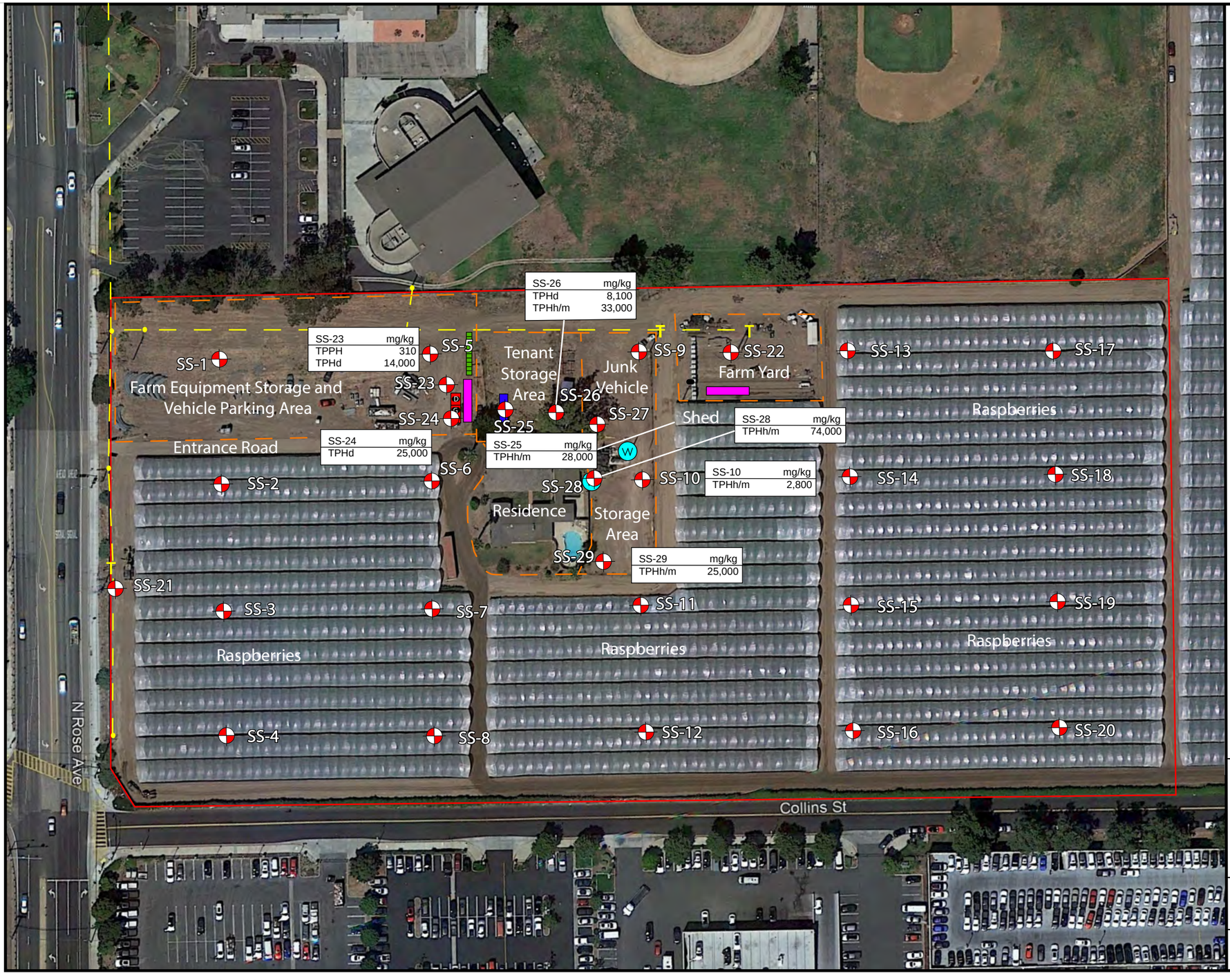
Sample Location	Sample ID	Sample Depth (feet bgs)	Matrix	Soil Sample Analyses					Soil Gas Sample Analyses			Comments
				OCPs EPA 8081A	Lead EPA 6010B	TPHh/m EPA 8015M	TPHd EPA 8015M	TPH Gas EPA 8015M	VOCs EPA 8260B	TPH Gas EPA 8015B	TPHd TO 15	
SS-1	SS-1-5-SG	5.0-5.5	Soil Gas						X	X	X	
SS-1	SS-1-10-SG	10.0-10.5	Soil Gas						X	X	X	
SS-10	SS-10-1.0	1.0-1.5	Soil			X	X	X				
SS-10	**DUP 1**	2.5	Soil			X	X	X				
SS-10	SS-10-5-SG	5.0-5.5	Soil Gas						X	X	X	
SS-10	SG DUP 1	5.0-5.5	Soil Gas						X	X	X	
SS-10	SS-10-10-SG	10.0-10.5	Soil Gas						X	X	X	
SS-10-A1	SS-10-A1-0.0	0.0-0.5	Soil			X	X	X				
SS-10-A1	SS-10-A1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed by Tetra Tech.
SS-10-A2	SS-10-A2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-A1-0.0, and if directed by Tetra Tech.
SS-10-B1	SS-10-B1-0.0	0.0-0.5	Soil			X	X	X				
SS-10-B1	SS-10-B1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed by Tetra Tech
SS-10-B2	SS-10-B2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-B1-0.0, and if directed by Tetra Tech.
SS-10-C1	SS-10-C1-0.0	0.0-0.5	Soil			X	X	X				
SS-10-C1	SS-10-C-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed by Tetra Tech
SS-10-C2	SS-10-C2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-C1-0.0, and if directed by Tetra Tech.
SS-10-D1	SS-10-D1-0.0	0.0-0.5	Soil			X	X	X				
SS-10-D1	SS-10-D1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed by Tetra Tech.
SS-10-D2	SS-10-D2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-D1-0.0, and if directed by Tetra Tech.
SS-22	SS-22-5-SG	5.0-5.5	Soil Gas						X	X	X	
SS-22	SS-22-10-SG	10.0-10.5	Soil Gas						X	X	X	
SS-23	SS-23-1.0	1.0-1.5	Soil			X	X	X				
SS-23	SS-23-5-SG	5.0-5.5	Soil Gas						X	X	X	
SS-23	SS-23-10-SG	10.0-10.5	Soil Gas						X	X	X	
SS-23	SG DUP 2	10.0-10.5	Soil Gas						X	X	X	
SS-23-A1	SS-23-A1-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected correlating in soil sample and if directed by Tetra Tech.
SS-23-A1	SS-23-A1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-A1-0.0 and if directed to by Tetra Tech.
SS-23-A2	SS-23-A12-0.0	0.0-0.5	Soil			X	X	X				
SS-23-B1	SS-23-B1-0.0	0.0-0.5	Soil			X	X	X				
SS-23-B1	SS-23-B1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-23-B2	SS-23-B2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-B1-0.0, and if directed by Tetra Tech.
SS-23-C1	SS-23-C1-0.0	0.0-0.5	Soil			X	X	X				
SS-23-C1	SS-23-C1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-23-C2	SS-23-C2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-C1-0.0, and if directed by Tetra Tech.
SS-23-D1	SS-23-D1-0.0	0.0-0.5	Soil			X	X	X				
SS-23-D1	SS-23-D1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-23-D2	SS-23-D2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-D1-0.0, and if directed by Tetra Tech.
SS-24	SS-24-2.5	1.0-1.5	Soil			X	X	X				
SS-24	SS-24-5-SG	5.0-5.5	Soil Gas						X	X	X	
SS-24	SS-24-10-SG	10.0-10.5	Soil Gas						X	X	X	
SS-24-A1	SS-24-A1-0.0	0.0-0.5	Soil			X	X	X				
SS-24-A1	SS-24-A1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-24-A2	SS-24-A2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-A1-0.0, and if directed by Tetra Tech.
SS-24-B1	SS-24-B1-0.0	0.0-0.5	Soil			X	X	X				
SS-24-B1	**DUP 2**	0.0-0.5	Soil			X	X	X				
SS-24-B1	SS-24-B1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-24-B2	SS-24-B2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-B1-0.0, and if directed by Tetra Tech.
SS-24-C1	SS-24-C1-0.0	0.0-0.5	Soil			X	X	X				
SS-24-C1	SS-24-C1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-24-C12	SS-24-C2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-C1-0.0, and if directed by Tetra Tech.
SS-24-D1	SS-24-D1-0.0	0.0-0.5	Soil			X	X	X				

Table 1
Supplemental Site Investigation Sample Analysis Schedule
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Sample Location	Sample ID	Sample Depth (feet bgs)	Matrix	Soil Sample Analyses					Soil Gas Sample Analyses			Comments
				OCPs EPA 8081A	Lead EPA 6010B	TPHh/m EPA 8015M	TPHd EPA 8015M	TPH Gas EPA 8015M	VOCs EPA 8260B	TPH Gas EPA 8015B	TPHd TO 15	
SS-24-D1	SS-24-D1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-24-D2	SS-24-D2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-D1-0.0, and if directed by Tetra Tech.
SS-25	SS-25-1.0	1.0-1.5	Soil			X	X	X				
SS-25	SS-25-5-SG	5.0-5.5	Soil Gas						X	X	X	
SS-25	SS-25-10-SG	10.0-10.5	Soil Gas						X	X	X	
SS-25-A1	SS-25-A1-0.0	0.0-0.5	Soil			X	X	X				
SS-25-A1	SS-25-A1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-25-A2	SS-25-A2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-A1-0.0, and if directed by Tetra Tech.
SS-25-B1	SS-25-B1-0.0	0.0-0.5	Soil			X	X	X				
SS-25-B1	SS-25-B1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-25-B12	SS-25-B2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-B1-0.0, and if directed by Tetra Tech.
SS-25-C1	SS-25-C1-0.0	0.0-0.5	Soil			X	X	X				
SS-25-C1	SS-25-C1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-25-C2	SS-25-C2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-C1-0.0, and if directed by Tetra Tech.
SS-25-D1	SS-25-D1-0.0	0.0-0.5	Soil			X	X	X				
SS-25-D1	SS-25-D1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-25-D2	SS-25-D2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-D1-0.0, and if directed by Tetra Tech.
SS-26	SS-26-2.5	1.0-1.5	Soil			X	X	X				
SS-26	**DUP 3**	1.0-1.5	Soil			X	X	X				
SS-26	SS-26-5-SG	5.0-5.5	Soil Gas						X	X	X	
SS-26	SS-26-10-SG	10.0-10.5	Soil Gas						X	X	X	
SS-26-A1	SS-26-A1-0.0	0.0-0.5	Soil			X	X	X				
SS-26-A1	SS-26-A1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-26-A2	SS-26-A2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-A1-0.0, and if directed by Tetra Tech.
SS-26-B1	SS-26-B1-0.0	0.0-0.5	Soil			X	X	X				
SS-26-B1	SS-26-B1-1.0	1.0-1.5	Soil			X	X	X				Lab is to hold sample and to analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample as directed by Tetra Tech.
SS-26-B2	SS-26-B2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-B1-0.0, and if directed by Tetra Tech.
SS-26-C1	SS-26-C1-0.0	0.0-0.5	Soil			X	X	X				
SS-26-C1	SS-26-C1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-26-C2	SS-26-C2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-C1-0.0, and if directed by Tetra Tech.
SS-26-D1	SS-26-D1-0.0	0.0-0.5	Soil			X	X	X				
SS-26-D1	SS-26-D1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-26-D2	SS-26-D2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-D1-0.0, and if directed by Tetra Tech.
SS-28	SS-28-1.0	1.0-1.5	Soil			X	X	X				
SS-28	SS-28-5-SG	5.0-5.5	Soil Gas						X	X	X	
SS-28	SS-28-10-SG	10.0-10.5	Soil Gas						X	X	X	
SS-28-A1	SS-28-A1-0.0	0.0-0.5	Soil			X	X	X				
SS-28-A1	SS-28-A1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-28-A2	SS-28-A2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-A1-0.0, and if directed by Tetra Tech
SS-28-B1	SS-28-B1-0.0	0.0-0.5	Soil			X	X	X				
SS-28-B1	SS-28-B1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-28-B2	SS-28-B2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-B1-0.0, and if directed by Tetra Tech
SS-28-C1	SS-28-C1-0.0	0.0-0.5	Soil			X	X	X				
SS-28-C1	SS-28-C1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-28-C2	SS-28-C2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-C1-0.0, and if directed by Tetra Tech.
SS-29	SS-29-1.0	1.0-1.5	Soil			X	X	X				
SS-29	SS-29-5-SG	5.0-5.5	Soil Gas						X	X	X	
SS-29	SS-29-10-SG	10.0-10.5	Soil Gas						X	X	X	
SS-29-A1	SS-29-A1-0.0	0.0-0.5	Soil			X	X	X				
SS-29-A1	SS-29-A1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.

Table 1
Supplemental Site Investigation Sample Analysis Schedule
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Sample Location	Sample ID	Sample Depth (feet bgs)	Matrix	Soil Sample Analyses					Soil Gas Sample Analyses			Comments
				OCPs EPA 8081A	Lead EPA 6010B	TPHh/m EPA 8015M	TPHd EPA 8015M	TPH Gas EPA 8015M	VOCs EPA 8260B	TPH Gas EPA 8015B	TPHd TO 15	
SS-29-A2	SS-29-A2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-A1-0.0, and if directed by Tetra Tech.
SS-29-B1	SS-29-B1-0.0	0.0-0.5	Soil			X	X	X				
SS-29-B1	**DUP 4**	0.0-0.5	Soil			X	X	X				
SS-29-B1	SS-29-B1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-29-B2	SS-29-B2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-B1-0.0, and if directed by Tetra Tech.
SS-29-C1	SS-29-C1-0.0	0.0-0.5	Soil			X	X	X				
SS-29-C1	SS-29-C1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-29-C2	SS-29-C12-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-C1-0.0, and if directed by Tetra Tech.
SS-29-D1	SS-29-D1-0.0	0.0-0.5	Soil			X	X	X				
SS-29-D1	SS-29-D1-1.0	1.0-1.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech
SS-29-D2	SS-29-D2-0.0	0.0-0.5	Soil			X	X	X				Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-D1-0.0, and if directed by Tetra Tech.
SS-30	SS-30-0.0	0.0-0.5	Soil	X	X							
SS-30	DUP 5	0.0-0.5	Soil	X	X							
SS-30	SS-30-2.0	2.0-2.5	Soil	X								
SS-31	SS-31-0.0	0.0-0.5	Soil	X	X							
SS-31	SS-31-2.0	2.0-2.5	Soil	X								
SS-32	SS-32-0.0	0.0-0.5	Soil	X	X							
SS-32	SS-32-2.0	2.0-2.5	Soil	X								
SS-33	SS-33-0.0	0.0-0.5	Soil	X	X							
SS-33	SS-33-2.0	2.0-2.5	Soil	X								
SS-34	SS-34-0.0	0.0-0.5	Soil	X	X							
SS-34-	SS-34-2.0	2.0-2.5	Soil	X								
SS-35	SS-35-0.0	0.0-0.5	Soil	X	X							
SS-35	DUP 6	0.0-0.5	Soil	X	X							
SS-35	SS-35-2.0	2.0-2.5	Soil	X								
SS-36	SS-36-0.0	0.0-0.5	Soil	X	X							
SS-36	SS-36-2.0	2.0-2.5	Soil	X								
SS-37	SS-37-0.0	0.0-0.5	Soil	X	X							
SS-37	SS-37-2.0	2.0-2.5	Soil	X								
SS-38	SS-38-0.0	0.0-0.5	Soil	X	X							
SS-38	SS-38-2.0	2.0-2.5	Soil	X								
SS-39	SS-39-0.0	0.0-0.5	Soil	X	X							
SS-39	DUP 7	0.0-0.5	Soil	X								
SS-39	SS-39-2.0	2.0-2.5	Soil	X								
SS-40	SS-40-0.0	0.0-0.5	Soil	X	X							
SS-40	SS-40-2.0	2.0-2.5	Soil	X								
Total Discrete Samples				22	11	34-88[a]	34-88[a]	34-88[a]	18	18	18	
Total Duplicate Samples				3	2	4-10[b]	4-10[b]	4-10[b]	2	2	2	
Total Samples				25	13	38-98[a, b]	38-98[a, b]	38-98[a, b]	20	20	20	



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- T — Pole-Mounted Electrical Transformer
- W — KMS Industries, Inc. Water Well
- Reiter Brothers Storage Container
- Tenant Storage Container
- Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- SS-1 — Surface Soil Sample Location
- mg/kg — Milligrams per Kilogram
- TPPH — Total Purgeable Petroleum Hydrocarbons (C4-C14)
- TPHd — Diesel Total Petroleum Hydrocarbons (C12-C24)
- TPHh/m — Hydraulic Oil/Motor Oil Total Petroleum Hydrocarbons (C25-C32)

0 50 100

APPROXIMATE SCALE (feet)

TPH SOIL SAMPLE RESULTS ABOVE SCREENING LEVELS
RIO DEL VALLE MIDDLE SCHOOL EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/7/21	STEELE	3

Base Map: Google Earth Image Dated 8/19/2019.



LEGEND

- Proposed Soil and Soil Gas Sample Location
- Proposed Soil Sample Location

0 20 40

APPROXIMATE SCALE
(feet)

PROPOSED SUPPLEMENTAL
SITE INVESTIGATION SAMPLING PLAN
RIO SCHOOL DISTRICT
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
2600 NORTH ROSE AVENUE
VENTURA COUNTY, CALIFORNIA

Tetra Tech
OXNARD, CALIFORNIA
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	5/25/22	STEELE	4

Base Map: Google Earth Image Dated 8/19/2019.

TABLES

Table 2
Analytical Methods, Detection Limits, and Screening Levels for Soil Gas Samples
Rio Del Valle Middle School Expansion Project SSI

			Residential Air Screening Level[1]			Residential Soil Gas Screening Level[2]	
Method	**Compound**	**MDL**	**Cancer**	**Noncancer**		**Cancer**	**Noncancer**
EPA 8260B	**Volatile Organic Compounds**	**µg/m³**	**µg/m³**	**µg/m³**	**Note**	**µg/m³**	**µg/m³**
	Acetone	250	NA	NA	3	NA	NA
	t-Amyl Methyl Ether (TAME)	25	NA	NA		NA	NA
	Benzene	18	0.097	3.1	4	97	3,100
	Bromobenzene	25	NA	63	3	NA	63,000
	Bromochloromethane	25	NA	42	3	NA	42,000
	Bromodicholoromethane	25	0.076	83	4	76	83,000
	Bromoform	25	2.6	11	4	2600	11,000
	Bromomethane	25	NA	5.2	3	NA	5,200
	t-Butanol (TBA)	250	NA	NA		NA	NA
	2-Butanone (MEK)	250	NA	5,200	3	NA	5,200,000
	n-Butylbenzene	25	NA	210	4	NA	210,000
	sec-Butylbenzene	25	NA	420	4	NA	420,000
	tert-Butylbenzene	25	NA	420	4	NA	420,000
	Carbon Disulfide	250	NA	730	3	NA	730,000
	Carbon Tetrachloride	13	0.47	42	4	470	42,000
	Chlorobenzene	25	NA	52	3	NA	52,000
	Chloroform	25	0.12	NA	3	120	NA
	Chloromethane	25	NA	94	3	NA	94,000
	2-Chlorotoluene	25	NA	83	4	NA	83,000
	4-Chlorotoluene	25	NA	83	4	NA	83,000
	Dibromomethane	25	NA	4.2	3	NA	4,200
	1,2-Dichlorobenzene	25	NA	210	3	NA	210,000
	1,4-Dichlorobenzene	25	0.26	NA	3	260	NA
	Dichlorodifluoromethane	25	NA	100	3	NA	100,000
	1,1-Dichloroethane	25	1.80	830	4	1800	830,000
	1,2-Dichloroethane	25	0.11	NA	3	110	NA
	1,1-Dichloroethene	25	NA	73	4	NA	73,000
	cis-1,2-Dichloroethene	25	NA	8.3	4	NA	8,300
	trans-1,2-Dichloroethene	25	NA	8.3	4	NA	8,300
	1,2-Dichloropropane	25	0.76	NA	3	760	NA
	1,3-Dichloropropane	25	NA	83	4	NA	83,000
	Ethylbenzene	25	1.1	NA	3	1100	NA
	Ethyl-t-Butyl Ether (EtBE)	25	NA	NA		NA	NA
	Hexachlorobutadiene	25	0.13	4.2	4	130	4,200
	2-Hexanone	250	NA	31	3	NA	31,000
	Isopropanol (IPA)	250	NA	210	3	NA	210,000
	Methylene Chloride	25	1	420	4	1,000	420,000
	4-Methyl-2-Pentanone (MIBK)	250	NA	NA		NA	NA
	Methyl-t-butyl Ether (MtBE)	25	11	NA	3	11,000	NA
	Styrene	25	NA	940	4	NA	940,000
	1,1,1,2-Tetrachloroethane	25	0.38	130	4	380	130,000
	1,1,2,2-Tetrachloroethane	25	0.048	83	4	48	83,000
	Tetrachloroethene	25	0.46	42	4	460	42,000
	Toluene	25	NA	310	4	NA	310,000
	1,2,3-Trichlorobenzene	25	NA	3.3	4	NA	3,300
	1,2,4-Trichlorobenzene	25	0.38	2.1	4	380	2,100
	1,1,1-Trichloroethane	25	NA	1,000	4	NA	1,000,000
	1,1,2-Trichloroethane	25	0.18	NA	3	180	NA
	Trichloroethene	25	0.48	2	3	480	2,100
	Trichlorofluoromethane	25	NA	1,300	4	NA	1,300,000

Table 2
Analytical Methods, Detection Limits, and Screening Levels for Soil Gas Samples
Rio Del Valle Middle School Expansion Project SSI

			Residential Air Screening Level[1]			Residential Soil Gas Screening Level[2]	
Method	**Compound**	**MDL**	**Cancer**	**Noncancer**		**Cancer**	**Noncancer**
EPA 8260B	**Volatile Organic Compounds**	**µg/m³**	**µg/m³**	**µg/m³**	**Note**	**µg/m³**	**µg/m³**
	1,2,4-Trimethylbenzene	25	NA	63	3	NA	63,000
	1,3,5-Trimethylbenzene	25	NA	63	3	NA	63,000
	Vinyl Chloride	13	0.0095	100	4	10	100,000
	m,p-Xylenes	50	NA	2	3	NA	2,400
	o-Xylene	25	NA	3	3	NA	2,800

			Residential Air Screening Level[1]			Residential Soil Gas Screening Level[2]	
Method	**Compound**	**RL**	**Cancer**	**Noncancer**		**Cancer**	**Noncancer**
		µg/m³	**µg/m³**	**µg/m³**	**Note**	**µg/m³**	**µg/m³**
LUFT GCMS	TPHg (C4-C12 carbon range)	10	NA	100	5	NA	100,000

Notes:

1 - The listed Residential Air Screening Levels are DTSC-Modified Air Screening Levels from Table 3 of *HERO Note Number 3., DTSC-modified Screening Levels (DTSC-SLs)* (DTSC 2018) (DTSC HHRA Note 3), if available, USEPA Region 9 Air Regional Screening Levels (USEPA 2018) as recommended by DTSC HHRA Note 3 (DTSC 2020), or the Residential Air Screening Level and Soil Gas Screening Level are from Tier 1 Environmental Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 2019).

2 - The Residential Soil Gas Screening Levels for VOCs and hydrogen sulfide were derived by dividing the Residential Air Screening Levels by the future residential contaminant source attenuation factor of 0.001 from Table 2 of the *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance)* (DTSC 2011).

3 - Residential Air Screening Level is the DTSC-Modified Air Screening Level from Table 3 of DTSC HHRA Note 3 (DTSC 2022).

4 - Residential Air Screening Level is the USEPA Region 9 Air RSLs (USEPA 2022) as recommended by DTSC HHRA Note 3 (DTSC 2022).

5 - Residential Air Screening Level and Soil Gas Screening Level are from Tier 1 Environmental Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 2019).

% - Percent by volume

EPA - U.S. Environmental Protection Agency

LUFT GCMS - California Regional Water Quality Control Board, Los Angeles Region Environmental Laboratory Accreditation Program certified method for analyzing TPHg in vapor samples.

M - Modified

MDL - method detection limit

MS - mass spectrometry

µg/m³ - micrograms per cubic meter

NA - Not applicable

ppmV - parts per million by volume

RL - reporting limit

TPHg - Gasoline range total petroleum hydrocarbons (C_4-C_{12} carbon range)

VOC - volatile organic compound

Table 3
Analytical Methods, Detection Limits, and Screening Levels for Soil Samples
Rio Del Valle Middle School Expansion Project SSI

ANALYTE	MDL	PQL	UNITS	Residential Soil Screening Level			UNITS
				Cancer	Noncancer	Note	
Total Petroleum Hydrocarbons by Modified EPA 8015B							
TPH as Gasoline (C_4 to C_{14})	0.058	0.20	mg/Kg	NA	230	1	mg/Kg
TPH as Diesel (C_{12} to C_{24})	2.2	10	mg/Kg	NA	260	1	mg/Kg
TPH as Hydraulic Oil/Motor Oil (C_{25}-C_{32})	7.0	20	mg/Kg	NA	1,600	1	mg/Kg
TTLC Metals by Method 6010B							
Lead	0.41	2.5	mg/Kg	NA	80	3	mg/Kg
Organochlorine Pesticide Compounds by EPA 8081A							
Aldrin	0.00018	0.0050	mg/Kg	0.04	2.3	3	mg/Kg
Chlordane (Technical)	0.50	0.010	mg/Kg	1.7	35	3	mg/Kg
4,4'-DDD (DDD)	0.0050	0.00064	mg/Kg	2.3	1.9	3	mg/Kg
4,4'-DDE (DDE)	0.0050	0.00095	mg/Kg	2	23	3	mg/Kg
4,4'-DDT (DDT)	0.0050	0.00040	mg/Kg	1.9	37	3	mg/Kg
Dieldrin	0.0050	0.00036	mg/Kg	0.034	3.2	3	mg/Kg
Endosulfan 1	0.0050	0.00020	mg/Kg	NA	450	3	mg/Kg
Endosulfan 11	0.0050	0.00034	mg/Kg	NA	450	3	mg/Kg
Endosulfan sulfate	0.0050	0.00026	mg/Kg	NA	380	3	mg/Kg
Endrin	0.0050	0.00065	mg/Kg	NA	19	3	mg/Kg
Endrin aldehyde	0.0050	0.00018	mg/Kg	NA	NA		mg/Kg
Heptachlor	0.0050	0.00086	mg/Kg	0.13	38	3	mg/Kg
Heptachlor epoxide	0.0050	0.00017	mg/Kg	0.07	0.99	3	mg/Kg
alpha-Hexachlorocyclohexane (Alpha-BHC)	0.00038	0.0050	mg/Kg	0.086	NA	2	mg/Kg
Beta- Hexachlorocyclohexane (Betta-BHC)	0.00048	0.0050	mg/Kg	0.30	NA	2	mg/Kg
Delta- Hexachlorocyclohexane (Delta-BHC)	0.00037	0.0050	mg/Kg	0.30	NA	2	mg/Kg
gamma- Hexachlorocyclohexane (Gamma-BHC, Lindane)	0.00018	0.0050	mg/Kg	0.57	NA	2	mg/Kg
Methoxychlor	0.0050	0.014	mg/Kg	NA	320	3	mg/Kg
Toxaphene	0.5	0.2	mg/Kg	0.45	5.7	3	mg/Kg

Notes:

1 - Residential Soil Screening Levels are from Tier 1 Environmental Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 201

2 - Residential Soil Screening Level is the USEPA Region 9 Soil RSLs (USEPA 2018) as recommended by DTSC HHRA Note 3 (DTSC 2022).

3 - Residential Soil Screening Level is the DTSC-Modified Soil Screening Level from Table 1 of DTSC HHRA Note 3 (DTSC 2022).

EPA - U.S. Environmental Protection Agency

MDL - method detection limit

PQL - practical quantitation limit

NA - not applicable

mg/kg - milligrams per kilogram

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Job No. 112G-SBA-T41501

Revised Technical Memorandum
Supplemental Site Investigation
Field Sampling Plan
Rio Del Valle Middle School Expansion Project
South Parcel
2600 North Rose Avenue
Oxnard, California 93036

Prepared for:

Rio School District
1800 Solar Drive
Oxnard, California 93030

Prepared by:

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August 5, 2022

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1.0 INTRODUCTION

This Revised Technical Memorandum Supplemental Site Investigation Field Sampling Plan (RSSIFSP) has been prepared by Tetra Tech and is being submitted to the California Environmental Protection Agency (Cal/EPA), Department of Toxic Substances Control (DTSC), School Evaluation and Cleanup Branch on behalf of the Rio School District (RSD) for their Rio Del Valle Middle School Expansion Project South Campus Expansion Area (South Parcel) Supplemental Site Investigation (SSI). The scope of services for this SSI have been developed to assist the RSD in further assessing the nature and extent of total petroleum hydrocarbons (TPH) identified in Site surface soils at concentrations above Screening Levels that were identified in soil samples collected for the *Phase II Environmental Assessment Rio Del Valle Middle School Expansion Project 2600 North Rose Avenue, Oxnard California 93063* (Tetra Tech 2021b), potential organochlorine pesticides (OCPs) from former termiticide applications, and lead based paint (LPB) in soil around the existing residential structure, garage, and utility shed that were identified in the *Phase I Environmental Assessment, Rio Del Valle Middle School Expansion Project, 2600 North Rose Avenue, Oxnard, California 93036* (Tetra Tech 2021a). The RSSIFSP is based on the scope of work agreed on by DTSC, Tetra Tech RSD, and Sage Realty (Sage) at the SSI scoping telephone conference conducted on June 14, 2022, and the revised scope of work agreed on by DTSC and Tetra Tech in a meeting between DTSC and Tetra Tech on behalf of the RSD on July 25, 2022.

Tetra Tech previously prepared the *Technical Memorandum Supplemental Site Investigation Field Sampling Plan, Rio Del Valle Middle School Expansion Project South Parcel 2600 South Rose Avenue, Oxnard, California 93036* (Tetra Tech 2022) (SSIFSP) to complete the SSI work scope that was agreed on by Tetra Tech, the RSD, and the California Environmental Protection Agency EPA (Cal/EPA) Department of Toxic Substances Control (DTSC) during the SSI scoping telephone conference conducted on June 14, 2022. Following review of the proposal to complete the work in the SSIFSP, the RSD requested that Tetra Tech renegotiate with DTSC and request that a land use covenant (LUC) be placed on the impacted areas of the Site because the estimated costs to complete the SSI were more than the RSD was willing to spend at this time. A Teams meeting was held between Tetra Tech and DTSC on July 25, 2022. In the July 25, 2022 meeting, it was determined that a LUC would not achieve the RSD's objectives for the Site. An alternative strategy was presented by Tetra Tech that eliminated the soil gas survey and direct push drilling. This strategy reduces the cost for completing the SSI significantly. This approach was accepted by DTSC during the July 25, 2022 meeting. This RSSIFSP is based on the revised scope of work agreed to by DTSC during the July 25, 2022 meeting.

The Rio Del Valle Middle School Expansion Project South Parcel site (hereinafter referred to as the Site) Site is located on a 11.1 acre rectangular-shaped portion of APN 144-0-110-590 at 2600 North Rose Avenue, a 21.98 acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). The RSD proposes to acquire and develop the 11.1-acre Site with new educational and support facilities as part of the Rio Del Valle Middle School Expansion Project. The proposed development for the Site includes a Transportation and Parking Facility in the western half of the Site (approximately 5.6 acres). The eastern half of the Site (approximately 5.4 acres) may be developed as part of the adjacent Rio Del Valle Middle School campus at a future point in time with recreation/athletic facilities including tennis courts and basketball courts.

This Technical Memorandum RSSIFSP includes limited background and historical use information regarding the Site. A detailed summary of Site background and historical use information for the Site is presented in the *Phase I Environmental Assessment, Rio Del Valle Middle School Expansion Project, 2600 North Rose Avenue, Oxnard, California 93036.* (Tetra Tech 2021a). This Technical Memorandum is intended to provide details of the proposed SSI sampling and analytical work proposed for the Site in the SSI scoping telephone conference conducted on June 14, 2022. The scope of the SSI report will

conform to the *PEA Guidance Manual* (DTSC 2015b) and will present findings from human health screening evaluations for the Site based upon the potential contaminants of concern identified through the field sampling program proposed here.

1.1 DESIGNATED CONTACT PERSONS

The primary designated contact persons for Tetra Tech are Jim Steele and Randy Westhaus. Jim Steele is the Project Manager and Randy Westhaus is Tetra Tech's California Schools Director. Their contact information is:

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The designated contact person for the RSD is Wael Saleh. Mr. Saleh is the Assistant Superintendent, Chief Business Official for the RSD. The contact information for Mr. Saleh is:

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2.0 SITE DATA

2.1 SITE LOCATION AND DESCRIPTION

The Site is located on a 11.1 acre rectangular-shaped portion of APN 144-0-110-590 at 2600 North Rose Avenue, a 21.98-acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). The Site is owned by KMS Industries, Inc. and is leased by Reiter Affiliated Companies. At the time of the June 18, 2021 Phase II ESA field sampling event, the Site comprised an approximate 11.1-acre area of the 21.98-acre parcel owned by KMS Industries, Inc. and was leased by Reiter Affiliated Companies (Figure 2). In June 2021, the Site contained (approximately) a 0.3-acre Residence, 0.25-acre Tenant Storage Yard, a 0.45-acre vacant area that was formerly the Junk Vehicle Storage Area, a 1.1-acre Farm Equipment Storage and Parking Area, and a 0.3-acre Farm Yard. The remaining 8.7 acres of the Site was occupied by areas of organic raspberry production with access roads. Historical aerial photographs and Google Earth images indicate that the Site was previously used for cultivation of row crops and orchards. The agricultural section of the Site was planted in organic raspberries under shade structures when the Phase II ESA sampling was performed. The Residence contains an unmaintained swimming pool, yard, parking area and garage, and tool shed. The Junk Vehicle Storage Area formerly contained approximately 30 junk cars. The Tenant Storage Yard formerly contained a trailer, motor a home, two storage containers, and a utility truck. The vehicles in the former Junk Vehicle Storage Area and items in the Tenant Storage Yard had been removed before the June 18, 2021 sampling event. The Farm Equipment Storage and Parking Area contained agricultural equipment such as fertilizer tanks, shade structures, tarps, wood, and motorized equipment. Three cylindrical steel above ground storage tanks (ASTs) with steel secondary containment bins that are owned and operated by Reiter Affiliated Companies were observed in the Farm Equipment Storage and Parking Area (Figure 2). The ASTs contained diesel fuel, red diesel fuel, and gasoline for farm equipment. The two diesel ASTs are approximately 300 gallons capacity each and the gasoline AST is approximately 500 gallons capacity. The ASTs are within individual steel containment bins.

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3.0 PHYSICAL SETTING AND CONDITIONS

The Site is depicted on the Oxnard, California Quadrangle U.S. Geological Survey (USGS) 7.5-minute topographic series map (USGS 2015) (Figure 1). The geographic coordinates of the Site are approximately Latitude 34° 13' 50.75" North, Longitude 119° 9' 15.86" West (Google Earth 2021). Surface elevations at the Site range from approximately 94 feet above mean sea level (msl) in the northwest corner of the Site to 89 feet above msl in the southeast corner of the Site with a topographic gradient that is generally flat with a gentle slope to the southeast (EDR 2021).

3.1 REGIONAL GEOLOGY

The Site is located in Ventura County on the Oxnard Plain of the central Ventura Basin within the Western Transverse Ranges geomorphic province of California. This geomorphic province is distinguished by the prevailing east-west linear trend of its geologic structure and geomorphology in contrast to the predominant northwest-southeast trend of the geomorphic features within most other provinces of the state. The province is bounded by major faults, including the San Andreas Fault zone in the northeast, the Big Pine fault in the north and the Malibu Coast fault in the south. Most of the faults in Ventura County are reverse faults which dip north, including the Pine Mountain, Red Mountain, San Cayetano, Santa Susana, Simi, Ventura, and Malibu Coast faults (Norris and Webb 1990).

The Ventura Basin is a large synclinal structure situated between the Santa Ynez Range and Topa Mountains on the north, the Channel Islands and Santa Monica Mountains on the south, the San Gabriel Fault on the east, and extending to the western end of the Santa Barbara Channel (Norris and Webb 1990). Structure in the Oxnard Plain is characterized by a series of broadly folded west-trending and east-northeast–trending anticlines and synclines associated with thrust and reverse faults that formed in the Saugus Formation and may have also deformed the overlying older alluvium (California Department of Conservation, California Geologic Survey [CGS] 2002).

3.2 LOCAL GEOLOGY

Locally, the Site is situated in the Oxnard Plain sub-province. Lithologic units of sedimentary origin underlying the nearly flat Oxnard Plain are approximately 45,000 feet in thickness and consist of Upper Cretaceous, Tertiary, and Quaternary-age units which have been deposited on a pre-Upper Cretaceous base of igneous and/or metamorphic rock. Unconsolidated Holocene (last 11,000 years) sediments beneath the Site were deposited during the post-glacial period in marine, lagoonal, lacustrine, fluvial-flood plain, deltaic and eolian environments, including the pre-historic delta of the ancient Santa Clara River and Calleguas Creek and reach a depth of approximately 900 feet beneath the Oxnard Plain (Clahan et al 2003; Turner and Mukae 1975).

3.3 HYDROLOGY

3.3.1 Hydrogeology

The Site is situated at the eastern edge of the Oxnard Forebay basin, a subbasin of the larger Santa Clara-Calleguas groundwater basin. The Oxnard Forebay is an important groundwater recharge area for valuable resources of groundwater in aquifers underlying the Oxnard Plain. The unconsolidated sediments beneath the Oxnard Forebay and the Site are composed of both continental and marine deposits of Tertiary and Quaternary age. They contain multiple aquifers of coarse grain sediments with intervening fine grain aquitards. Aquifers have been grouped into an Upper Aquifer System (UAS) and a Lower Aquifer System (LAS) based on changes in geologic structure and separated in many areas by

regional layers of low permeability clay. The UAS sediments are relatively flat lying and extend to approximately 400 feet beneath the Site. The sediments in the LAS are more structurally complex, resulting from folding and faulting. In the Oxnard Forebay, alluvial sediments in the subsurface are predominantly coarse grain sands and gravels. Fine grain sediments, such as silts and clays, that can act as confining layers are generally absent or discontinuous. This condition allows for direct recharge of the UAS from the surface and some recharge of the LAS from the UAS in the subsurface (Fox Canyon Ground Water Management Agency 2017; Turner and Mukae 1975).

The first encountered groundwater beneath the Site is in the UAS. Review of potentiometric maps for the UAS from 1972 through 2016 indicate that the depth to groundwater ranged from approximately 33 feet below ground surface (bgs) to 133 feet bgs during that time period (Fox Canyon Groundwater Management Agency 2015). The most recent groundwater elevation data for fall 2016 indicates that the first encountered groundwater in the Site area was at approximately -36 feet below mean sea level (msl) or approximately 133 feet bgs (Fox Canyon Groundwater Management Agency 2019). The depth to the highest known historical groundwater level in the Site area is approximately 20 feet bgs (CGS 2002).

4.0 PHASE I ESA

Tetra Tech completed a Phase I ESA for the Site in 2021 (Tetra Tech 2021a). The key information from the Phase I ESA is summarized in this section.

The review of historical aerial photographs and maps, and interviews with the current owner, indicate the Site and adjacent areas have been used for agricultural production (row crops) since at least 1927. The Site is currently being used for organic crop cultivation and has been over the last 10 years. Tetra Tech reviewed the Geologic Energy Management Division's (CalGEM, formerly DOGGR) online mapping application Well Finder (CalGEM 2020), Map 214 (California Department of Conservation, Division of Oil, Gas, and Geothermal Resources [DOGGR] 2000]), and associated well history documents to evaluate potential presence of oil fields and wells within the Site vicinity. Records indicate that the Site is not located in an oil field. The nearest oil field to the Site is the Santa Clara Avenue Field, located approximately 0.5 to 1 mile southeast of the Site. There are no known active or abandoned wells on Site. No oil production related pipelines or other facilities are located onsite or are known to have formerly been located onsite (Tetra Tech 2021a).

Tetra Tech reviewed online resources at the Cal EPA State Water Resources Control Board (SWRCB) GeoTracker database (SWRCB 2021) for any records pertaining to the Site and surrounding area. The GeoTracker database did not show any records for cases located on the Site. According to the GeoTracker database, four closed Leaking Underground Storage Tanks (LUSTs) are present approximately 0.2 miles southwest of the Site along Auto Center Drive. In addition, two closed LUSTs are present approximately 0.5 miles northeast of the Site on North Rose Avenue. These six sites do not pose a risk to the Site (Tetra Tech 2021a).

The following Recognized Environmental Conditions (RECs) were identified for the Site in the 2021 Phase I ESA:

- REC 1: Potential impacts from former agricultural pesticide application;
- REC 2: Potential bunker oil releases from potential former smudge pot frost abatement;
- REC 3: Hydrocarbon and potentially toxic metals releases to surface soil from junk vehicles formerly stored at the Site;
- REC 4: Hydrocarbon releases to surface soil from the two-diesel fuel and one gasoline ASTs at the Site;
- REC 5: Three PCB-containing pole-mounted electrical transformers; and
- REC 6: Three high volume water transmission pipelines within 1,500 feet of the Site.

The following four *de minimis* conditions have been identified in the Phase I ESA.

- Potential that asbestos containing building materials (ACBMs) may be present in the building materials in the residence area structures.

- Potential that lead based paint (LBP) in the building materials in the residence area structures and LBP chips may be present in the surface soil surrounding the residence area structures.

- The residence is connected to a septic system. The location of the septic system appurtenances (leach field and septic tank) were not disclosed by the property owner to Tetra Tech.

- The minor housekeeping issues observed in the residence area included fertilizers, paint, and cleaning products found throughout the home and storage area, and the haphazardly stored items (old paint, fertilizer product, equipment, etc.) in the wood shed.

The Phase I ESA recommended that a Phase II ESA be performed to assess RECs 1 through 5 in accordance with DTSC guidelines for completing a Preliminary Environmental Assessment (PEA) including the *Preliminary Endangerment Guidance Manual* (DTSC January 1994, Revised October 2015b) (PEA Guidance Manual) and the *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (DTSC 2008) (Agricultural Fields Guidance). To evaluate the potential risks posed by REC 6, a hazardous pipeline assessment should be conducted in accordance with the *Guidance Protocol for School Site Pipeline Risk Analysis* (California Department of Education [CDE] 2007).

5.0 PHASE II ESA SUMMARY

On behalf of the RSD, Tetra Tech prepared the Phase II ESA report dated September 24, 2021 (Tetra Tech 2021b). The Phase II ESA field sampling program assessed RECs 1 through 5 as described below.

- REC 1, potential impacts from former agricultural pesticide application, was assessed by the collection of 20 discrete surface soil samples at depths of 0 to 0.5 feet bgs that were combined into five composite samples and one duplicate composite sample and analyzed for OCPs using United States Environmental Protection Agency (USEPA) method 8081A, and the collection of five discrete surface soil samples and one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for total arsenic using United States EPA method 6010B.

- REC 2, potential bunker oil releases from potential former smudge pot frost abatement, was assessed by the collection of 10 discrete surface soil samples at depths and one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for semivolatile organic compounds (SVOCs) using EPA method 8270C, polyaromatic hydrocarbons (PAHs) using EPA method 8270C SIM, and diesel fuel total petroleum hydrocarbons (TPHd) and hydraulic oil/motor oil total petroleum hydrocarbons (TPHh/m) using EPA method 8015M.

- REC 3, Hydrocarbon and potentially toxic metals releases to surface soil from junk vehicles formerly stored at the site and REC 4, Hydrocarbon releases to surface soil from the two diesel fuel and one gasoline ASTs, were assessed by the collection of 7 discrete surface soil samples at depths and one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for CAM 17 Metals using EPA method 6010B/7471A, SVOCs using EPA method 8270C, PAHs using EPA method 8270C SIM, gasoline range total petroleum hydrocarbons (TPHg) using the LUFT gas chromatograph/mass spectrometer (GC/MS) method, TPHd and TPHh/m using EPA method 8015M, and volatile organic compounds (VOCs) using EPA method 8260B.

- REC 5, Three pole-mounted electrical transformers, was assessed by the collection of 3 discrete surface soil samples at depths one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for PCBs using EPA method 8082.

The Phase II ESA surface soil sample analysis results did not yield OCPs and arsenic (REC 1), SVOCs and PAHs (REC 2), VOCs (REC 4), and PCBs (REC 5) at concentrations above relevant screening levels. The Phase II ESA surface soil sample results did indicate that TPHg, TPHd, and TPHh/m are present at the Site at concentrations above relevant screening levels due to releases from the junk vehicles previously stored at the Site and the fuel storage ASTs (RECs 3 and 4). The locations of the surface soil samples with TPHg, TPHd, and TPHh/m with concentrations above relevant screening levels is shown on Figure 3 and summarized in Table 1 for the Phase II ESA TPHg, TPHd, and TPHh/m sample results.

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6.0 PEA EQUIVALENT

On behalf of the RSD, Tetra Tech submitted the Phase I ESA (Tetra Tech 2021a) and Phase II ESA (Tetra Tech 2021b) to DTSC as a PEA Equivalent on March 30, 2022. In a letter dated May 10, 2022, the DTSC concurred with the adequacy of the PEA Equivalent pending review of public comments (DTSC 2022a). DTSC's comments on the PEA Equivalent report were included as an attachment to the letter identifying discrepancies that required clarification and/or modification that should be addressed in the SSI. Potential impacts to the soils around the residential structures from OCPs in termiticides and LBP in soil were identified as items that should be further assessed in the SSI. The DTSC approved the PEA Equavalent in a letter dated August 8, 2022 (DTSC

A SSI scoping telephone conference was conducted on June 14, 2022 between DTSC, Tetra Tech, RSD, and Sage. The discrepancies that required clarification and/or modification in the May 10, 2022 DTSC letter were discussed in the scoping meeting and resolved for the SSI. The proposed SSI work plan was discussed during the scoping telephone conference, and adjustments were made to the SSI work plan initially presented by Tetra Tech based on DTSC comments. The scope of work presented in the SSIFSP (Tetra Tech 2022) was based on the scope of work agreed on by DTSC, Tetra Tech, RSD, and Sage during the June 14, 2022 SSI scoping telephone conference. As described in Section 1.0, at the request of the RSD, a Teams meeting was held between Tetra Tech and DTSC on July 25, 2022 in which an alternative strategy was presented by Tetra Tech that eliminated the soil gas survey and direct push drilling from the SSI field work. This strategy reduces the cost for completing the SSI significantly. This approach was accepted by DTSC during the July 25, 2022 meeting and is the basis for the work scope in the RSSIFSP.

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7.0 SSI FIELD SAMPLING PLAN

7.1 SAMPLING STRATEGY AND APPROACH

The field sampling assessment will consist of a subsurface soil sample collection program using hand auger sampling methods with fixed laboratory sample analysis. The following subsections describe the rationale and scope of sampling. The Site ground surface is relatively flat and may be partially planted in crops during implementation of the SSI sampling program. The areas for the proposed SSI field work will not be in areas of the Site that will be planted in crops.

7.1.1 Rationale

The proposed SSI sample locations discussed below are shown on Figure 4. The SSI is being performed to further assess:

- The lateral and vertical extent of TPHg, TPHd, and TPHh/m at concentrations in soil at or above relevant screening levels at the seven locations where TPHg, TPHd, and TPHh/m were detected in surface soil samples at concentrations exceeding relevant screening levels (SS-10, SS-23, SS-24, SS-25, SS-26, SS-28, and SS-29);

- Potential OCPs at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) and subsurface soil (2.5-3.0 feet bgs) in the soil within 2 feet of the residential structures at proposed sample locations SS-30 through SS-40; and

- Potential LBP at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) in the soil within 2 feet of the residential structures at proposed sample locations SS-30 through SS-40.

Relevant constituent screening levels are defined as those that were identified in the May 10, 2022 DTSC letter (DTSC 2022a) per the DTSC's Toxicity Criteria Rule (https://dtsc.ca.gov/regs/toxicity-criteria-for-human-health-risk-assessment/). The screening levels provided in *Human Health Risk assessment (HHRA) Note Number 3 DTSC Modified Screening Levels (DTSC-SLs)* (DTSC 2020, Revised 2022) will be used in preference to U.S. Environmental Protection Agency (U.S. EPA) Regional Screening Levels (RSLs) (U.S. EPA 2022) when evaluating contaminants in environmental media at California sites and facilities. When screening levels for a chemical are not listed in HHRA Note Number 3, USEPA's RSL tables should be used. The San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Levels (ESLs) will be used for TPHg, TPHd, and TPHh/m (SFRWQCB 2019).

7.1.2 Field Coordination

Tetra Tech will coordinate Site access with the Site owner, KMS Industries, Inc. and tenant, Reiter Affiliated Companies prior to performing the SSI field sampling. The soil samples will be collected using sampling methods that will be executed in a manner that avoids damaging crops and Site infrastructure.

7.2 SAMPLING METHODS AND PROCEDURES

This section describes the methods and procedures that will be used to collect and analyze soil samples and soil gas samples.

7.2.1 Sample Site Location and Utility Clearance

The GPS coordinates of the seven soil sample locations where TPHg, TPHd, and TPHh/m were detected at concentrations exceeding relevant screening levels (sample locations SS-10, SS-23, SS-24, SS-25, SS-26, SS-28, and SS-29) and sample locations SS-1 and SS-22 were previously mapped in the field. These GPS sample location coordinates will be used to relocate these sample locations for the SSI using the ESRI Collector program system. The estimated new sample locations for samples SS-30 through SS-40 and the step out samples for sample locations SS-10, SS-23, SS-24, SS-25, SS-26, SS-28, and SS-29 will be entered into the ESRI Collector program prior to field work and corrected in the field as needed. Sample locations depths in feet bgs will be recorded using the ESRI Collector program and in our field notes. These data will be presented on figures and in tables in the SSI report. The utility clearance for these soil sample locations will be performed by meeting with Site owner, KMS Industries, Inc. and tenant, Reiter Affiliated Companies prior to performing the SSI field sampling. In addition, Tetra Tech will mark the proposed boring locations and contact Underground Service Alert (USA) to provide markout services. Tetra Tech will not be responsible for utilities encountered during drilling that have not been marked out by USA, or physically indicated in the field by RSD.

7.2.2 SSI Sampling Program

7.2.2.1 TPHg, TPHd, and TPHh/m Impacted Soil Assessment

Soil Sample Collection

Soil samples will be collected to assess the lateral and vertical extent of the TPHg, TPHd, and TPHh/m impacted soil identified at the seven Phase II ESA sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 (Figure 4 and Table 1). Step out soil samples will be collected at 5 feet (sets A1, B1, C1, and D1) and 10 feet (sets A2, B2, C2, and D2) to the northeast, southeast, southwest, and northwest of each of the seven Phase II ESA sample locations identified above. Soil samples will be collected using hand auger sampling methods to 5 feet bgs at sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 and their associated initial step out sample locations, A1, B1, C1, and D1. Surface soil samples will be collected from 0 to 0.5 feet bgs at the seven sets of A1, B1, C1, and D1 step out sample locations. Subsurface soil samples will be collected at sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 and their associated step out sample locations, A1, B1, C1, and D1 at a minimum of 1.0 to 1.5 feet bgs or to as deep at 4.5 to 5.0 feet bgs if soil logging indicates that there is contaminated soil deeper than 1.5 feet bgs. Surface soil samples will be collected using hand sampling methods from 0.0 to 0.5 feet bgs at the A2, B2, C2, and D2 step out sample locations associated with sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29. The hand sampling equipment will be decontaminated between each boring using a phosphate-free detergent wash and successive rinses with potable and deionized water.

After sample collection, the subsurface soil samples collected at sample locations soil SS-10, SS-23 through SS-26, SS-28, and SS-29 and the surface soil samples at their associated initial step out at sample locations, A1, B1, C1, and D1 will be submitted for laboratory analysis (Figure 4 and Table 2). If TPHg, TPHd, and TPHh/m are detected at concentrations exceeding their relevant screening levels in the surface soil samples from the associated initial step out at sample locations, A1, B1, C1, and D1, then the associated subsurface soil sample and secondary step out surface soil sample (samples A2, B2, C2, and D2) will be submitted for laboratory analysis.

The total number of discrete soil samples that are analyzed for TPHg, TPHd, and TPHh/m will depend on the number of the tentative discrete surface and subsurface soils that require analysis. A minimum of 34 and a maximum of 88 discrete soil samples will be analyzed for TPHg, TPHd, and TPHh/m.

The total number of duplicate soil samples that are analyzed for TPHg, TPHd, and TPHh/m will depend on the number of the tentative discrete surface and subsurface soils that require analysis. A minimum of 4 and a maximum of 9 duplicate soil samples will be analyzed for TPHg, TPHd, and TPHh/m.

The borings will be logged using the Unified Soil Classification System (USCS) as defined in the ASTM methods D 2487-90 (ASTM 2017a) and D 2488-90 (ASTM 2017b). During sampling, a photoionization detector (PID) calibrated with isobutylene gas will be used to monitor the potential presence and concentrations of organic vapors in the breathing zone for workers at each sample location and to screen soil samples. These organic vapor readings will be recorded on field logs prepared by the field geologist/engineer during sampling activities. The drill cuttings and soil samples will be evaluated in the field for staining and odor. The labeled samples will be placed in an ice chest containing pre-cooled artificial ice pending delivery to the analytical laboratory with chain-of-custody (COC) records. Instructions will be included on the COCs directing the laboratory on which discrete samples are to be grouped together for composite sample preparation and analysis.

The following sampling information will be recorded on the field logs: sample number and location, date and time, sample depth, lithologic description in accordance with the USCS (ASTM 2017a, 2017b), description of any visible evidence of soil contamination (i.e., odor, staining), and PID readings.

Soil Sample Analysis

The soil sample analysis schedule is presented in Table 1. The soil sample analyses will be performed by a California State Certified laboratory. The soil samples submitted for laboratory analysis to assess the lateral and vertical extent of the TPHg, TPHd, and TPHh/m impacted soil will be analyzed for TPHg, TPHd, and TPHh/m by USEPA method 8015M.

The laboratory proposed method reporting limits and screening levels for the soil sample analytical methods are provided in Table 2 (DTSC 2022a; SFRWQCB 2019; U.S. EPA 2022).

7.2.2.2 Potential OCP and Lead in Soil Assessment

Soil Sample Collection

Soil samples will be collected to assess potential OCPs at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) and subsurface soil (2.5-3.0 feet bgs) in the soil, and lead at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) within 2 feet of the residential structures at proposed sample locations SS-30 through SS-40 (Figure 4 and Table 1). The sample collection and laboratory analysis will be performed in accordance with the *Interim Guidance Evaluation of School Sites with Potential Contamination from Lead Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* (DTSC 2006).

The surface and subsurface soil samples will be collected using hand auger methods with a hand driven split-spoon sampler. Subsurface soil will be directly transferred from the split-spoon sampler into pre-cleaned glass sample containers provided by the analytical laboratory fitted with Teflon-lined screwcaps. The hand auger sampling equipment, including the split spoon sampler, will be decontaminated between the collection of each soil sample using a phosphate-free detergent wash and successive rinses with potable and deionized water.

Soil Sample Analysis

The soil sample analysis schedule is presented in Table 1. The soil sample analyses will be performed by a California State Certified laboratory. The soil samples submitted for laboratory to assess potential OCP-impacted soil will be analyzed for OCPs by USEPA method 8081A. The soil samples submitted for laboratory to assess potential lead impacted soil will be analyzed for total lead by USEPA method 6010B.

The proposed laboratory method reporting limits and screening levels for the soil sample analytical methods are provided in Table 2 (DTSC 2022a; SFRWQCB 2019; U.S. EPA 2022).

8.0 SSI TECHNICAL REPORT

Tetra Tech will prepare and submit a SSI Report (SSI Report) to DTSC. The SSI Report will be prepared in letter format and will provide background information about the Site, a description of field assessment activities including any deviations to the RSSIFSP, tabulated analytical data, and maps showing sample locations. Site data will be compared to the relevant constituent screening levels as described in Section 7.1.1 and presented in Table 2 in lieu of a Human Health Risk Assessment, and conclusions and recommendations for a Housekeeping Removal Action, Removal Action Work Plan (RAW), or Land Use Covenant will be considered for the TPHg, TPHd, and TPHh/m impacted soil at the Site and potential OCP and lead impacted soil around the residential structures.

A draft and final SSI Report will be prepared for this project and submitted to the DTSC for review and approval.

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9.0 SCHEDULE

Tetra Tech proposes to perform the field sampling (combined with the laboratory analysis) from August 15, 2022 through September 8, 2022. DTSC will be notified at least one week before any field work takes place and will be notified immediately of any schedule changes or revisions to the RSSIFSP.

The proposed project schedule key milestones are as follows:

- Submit RSSIFSP to DTSC: August 5, 2022
- DTSC Approval of RSSIFSP August 12, 2022
- Conduct SSI Field Work August 15-16, 2022
- Submit Draft SSI Report to DTSC September 9, 2022
- Receive DTSC Comments on Draft SSI Report September 23, 2022
- Submit Final SSI Report to DTSC September 30, 2022
- DTSC Approval of Final SSI Report October 14, 2022

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10.0 CERTIFICATION

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

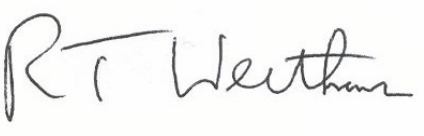
Respectfully submitted,

TETRA TECH, INC.



James R. Steele
Project Manager

California Registered Geologist 5963
Expiration Date May 31, 2023
California Certified Engineering Geologist 1906
Expiration Date May 31, 2023
California Certified Hydrogeologist 247
Expiration Date May 31, 2023



Randy T. Westhaus, P.E.
California Schools Director

California Registered
Mechanical Engineer 025171
Expiration Date September 30, 2023

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11.0 REFERENCES

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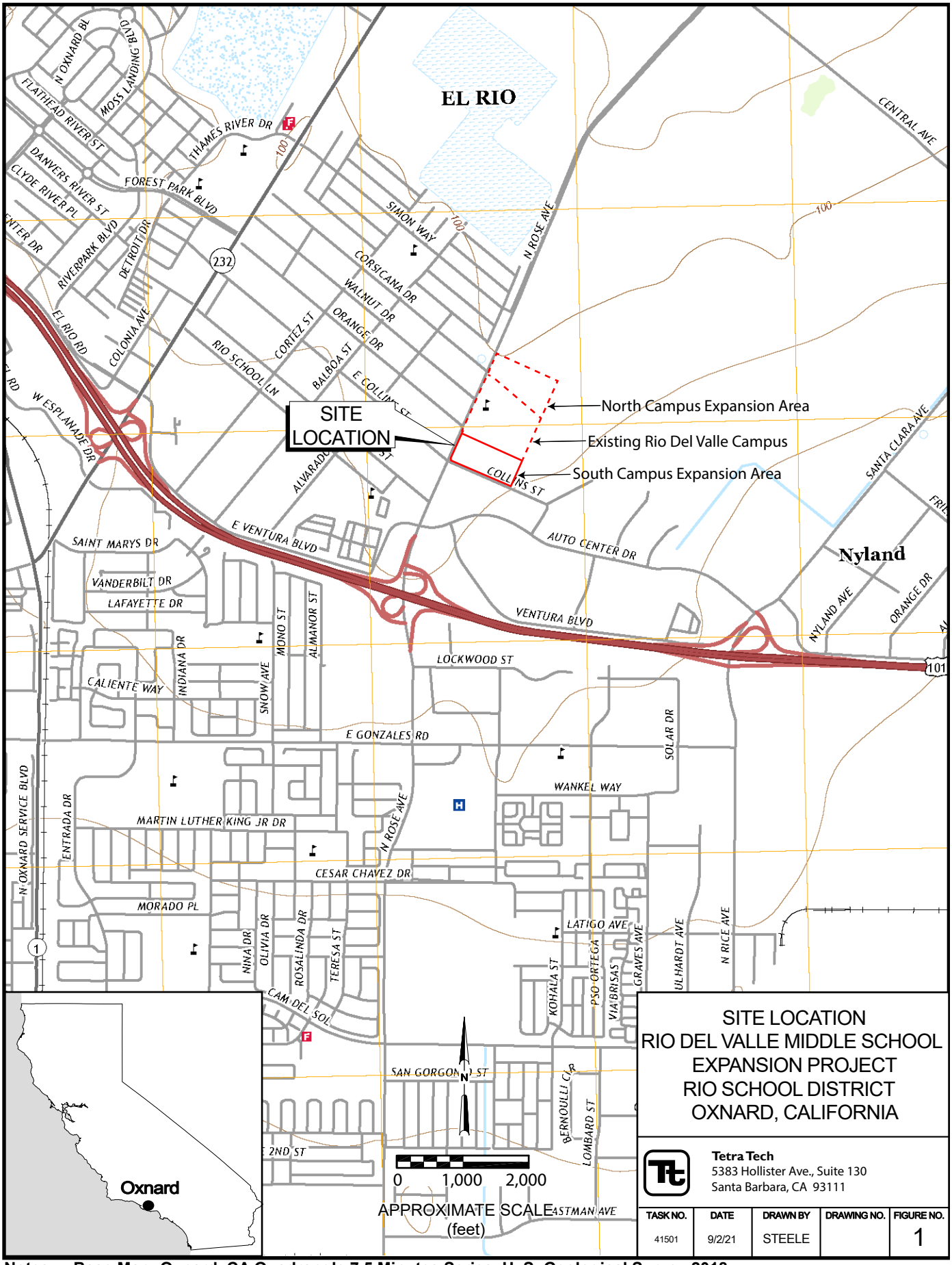
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FIGURES

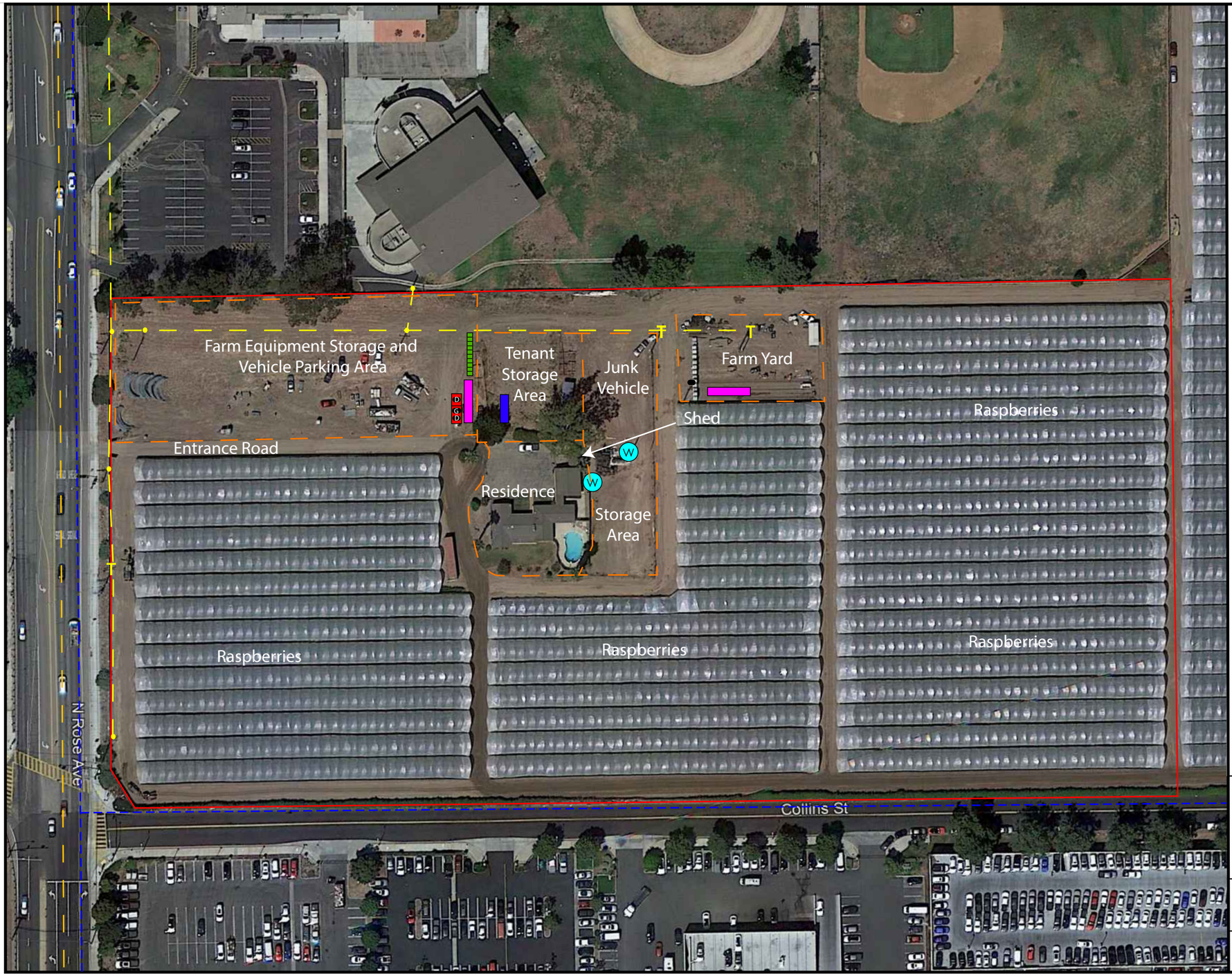


SITE LOCATION
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	DRAWING NO.	FIGURE NO.
41501	9/2/21	STEELE		1

Notes: **Base Map: Oxnard, CA Quadrangle 7.5 Minutes Series, U. S. Geological Survey 2018**



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- T — Pole-Mounted Electrical Transformer
- W — KMS Industries, Inc. Water Well
- Reiter Brothers Storage Container
- Tenant Storage Container
- D G D — Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- 16-inch OD Steel Water Pipeline (City of Oxnard)
- 42-inch OD Steel Water Pipeline (United Water Conservation District)

N

0 50 100

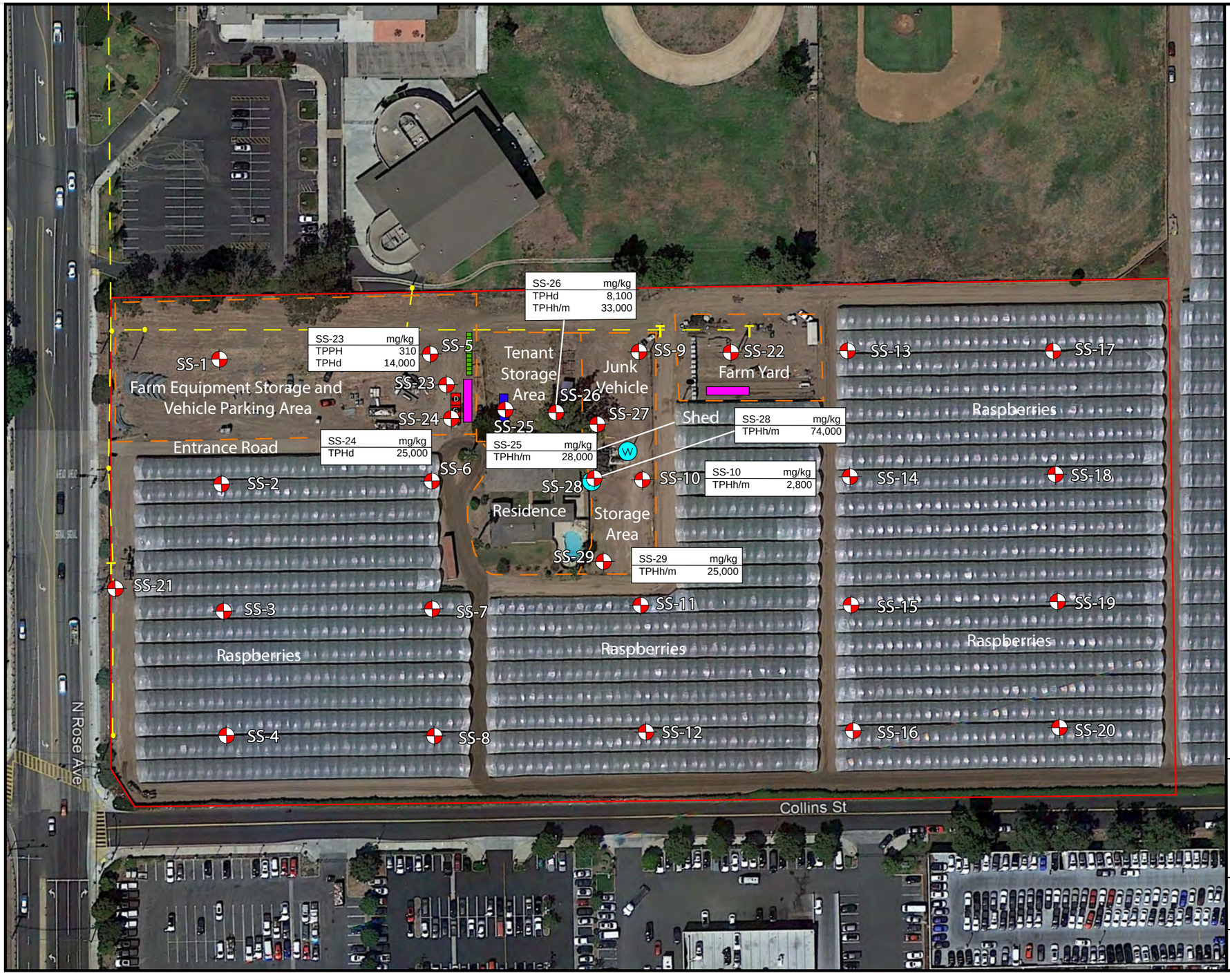
APPROXIMATE SCALE (feet)

SITE PLAN
2600 NORTH ROSE AVENUE
PHASE I ENVIRONMENTAL SITE ASSESSMENT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/7/21	STEELE	2

Base Map: Google Earth Image Dated 8/19/2019.



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- T — Pole-Mounted Electrical Transformer
- W — KMS Industries, Inc. Water Well
- Reiter Brothers Storage Container
- Tenant Storage Container
- Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- SS-1 — Surface Soil Sample Location
- mg/kg — Milligrams per Kilogram
- TPPH — Total Purgeable Petroleum Hydrocarbons (C4-C14)
- TPHd — Diesel Total Petroleum Hydrocarbons (C12-C24)
- TPHh/m — Hydraulic Oil/Motor Oil Total Petroleum Hydrocarbons (C25-C32)

0 50 100

APPROXIMATE SCALE (feet)

TPH SOIL SAMPLE RESULTS ABOVE SCREENING LEVELS
RIO DEL VALLE MIDDLE SCHOOL EXPANSION PROJECT
RIO SCHOOL DISTRICT
OXNARD, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/7/21	STEELE	3

Base Map: Google Earth Image Dated 8/19/2019.



LEGEND

Proposed Soil Sample Location

0 20 40

APPROXIMATE SCALE
(feet)

PROPOSED SUPPLEMENTAL
SITE INVESTIGATION SAMPLING PLAN
RIO SCHOOL DISTRICT
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
2600 NORTH ROSE AVENUE
VENTURA COUNTY, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	5/25/22	STEELE	4

Base Map: Google Earth Image Dated 8/19/2019.

TABLES

Table 1
Supplemental Site Investigation Sample Analysis Schedule
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Sample Location	Sample ID	Sample Depth (feet bgs)	Matrix	Soil Sample Analyses					Comments
				OCPs EPA 8081A	Lead EPA 6010B	TPHh/m EPA 8015M	TPHd EPA 8015M	TPHg EPA 8015M	
SS-10	SS-10-1.0	1.0-1.5	Soil			X	X	X	
SS-10	**DUP 1**	2.5	Soil			X	X	X	
SS-10-A1	SS-10-A1-0.0	0.0-0.5	Soil			X	X	X	
SS-10-A1	SS-10-A1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed by Tetra Tech.
SS-10-A2	SS-10-A2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-A1-0.0, and if directed by Tetra Tech.
SS-10-B1	SS-10-B1-0.0	0.0-0.5	Soil			X	X	X	
SS-10-B1	SS-10-B1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed by Tetra Tech.
SS-10-B2	SS-10-B2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-B1-0.0, and if directed by Tetra Tech.
SS-10-C1	SS-10-C1-0.0	0.0-0.5	Soil			X	X	X	
SS-10-C1	SS-10-C-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed by Tetra Tech.
SS-10-C2	SS-10-C2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-C1-0.0, and if directed by Tetra Tech.
SS-10-D1	SS-10-D1-0.0	0.0-0.5	Soil			X	X	X	
SS-10-D1	SS-10-D1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed by Tetra Tech.
SS-10-D2	SS-10-D2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-D1-0.0, and if directed by Tetra Tech.
SS-23-A1	SS-23-A1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-A1-0.0 and if directed to by Tetra Tech.
SS-23-B2	SS-23-B2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-B1-0.0, and if directed by Tetra Tech.
SS-23-C1	SS-23-C1-0.0	0.0-0.5	Soil			X	X	X	
SS-23-C1	SS-23-C1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-23-C1	SS-23-C1-0.0	0.0-0.5	Soil			X	X	X	
SS-23-C1	SS-23-C1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-23-C2	SS-23-C2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-C1-0.0, and if directed by Tetra Tech.
SS-23-D1	SS-23-D1-0.0	0.0-0.5	Soil			X	X	X	
SS-23-D1	SS-23-D1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-23-D2	SS-23-D2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-D1-0.0, and if directed by Tetra Tech.
SS-24	SS-24-1.0	1.0-1.5	Soil			X	X	X	
SS-24-A1	SS-24-A1-0.0	0.0-0.5	Soil			X	X	X	
SS-24-A1	SS-24-A1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-24-A2	SS-24-A2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-A1-0.0, and if directed by Tetra Tech.
SS-24-B1	SS-24-B1-0.0	0.0-0.5	Soil			X	X	X	
SS-24-B1	**DUP 2**	0.0-0.5	Soil			X	X	X	
SS-24-B1	SS-24-B1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-24-B2	SS-24-B2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-B1-0.0, and if directed by Tetra Tech.
SS-24-C1	SS-24-C1-0.0	0.0-0.5	Soil			X	X	X	
SS-24-C1	SS-24-C1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-24-C12	SS-24-C2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-C1-0.0, and if directed by Tetra Tech.
SS-24-D1	SS-24-D1-0.0	0.0-0.5	Soil			X	X	X	
SS-24-D1	SS-24-D1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-24-D2	SS-24-D2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-D1-0.0, and if directed by Tetra Tech.
SS-25	SS-25-1.0	1.0-1.5	Soil			X	X	X	
SS-25-A1	SS-25-A1-0.0	0.0-0.5	Soil			X	X	X	
SS-25-A1	SS-25-A1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-25-A2	SS-25-A2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-A1-0.0, and if directed by Tetra Tech.
SS-25-B1	SS-25-B1-0.0	0.0-0.5	Soil			X	X	X	
SS-25-B1	SS-25-B1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-25-B12	SS-25-B2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-B1-0.0, and if directed by Tetra Tech.

Table 1
Supplemental Site Investigation Sample Analysis Schedule
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Sample Location	Sample ID	Sample Depth (feet bgs)	Matrix	Soil Sample Analyses					Comments
				OCPs EPA 8081A	Lead EPA 6010B	TPHh/m EPA 8015M	TPHd EPA 8015M	TPHg EPA 8015M	
SS-25-C1	SS-25-C1-0.0	0.0-0.5	Soil			X	X	X	
SS-25-C1	SS-25-C1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-25-C2	SS-25-C2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-C1-0.0, and if directed by Tetra Tech.
SS-25-D1	SS-25-D1-0.0	0.0-0.5	Soil			X	X	X	
SS-25-D1	SS-25-D1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-25-D2	SS-25-D2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-D1-0.0, and if directed by Tetra Tech.
SS-26	SS-26-1.0	1.0-1.5	Soil			X	X	X	
SS-26	**DUP 3**	1.0-1.5	Soil			X	X	X	
SS-26-A1	SS-26-A1-0.0	0.0-0.5	Soil			X	X	X	
SS-26-A1	SS-26-A1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-26-A2	SS-26-A2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-A1-0.0, and if directed by Tetra Tech.
SS-26-B1	SS-26-B1-0.0	0.0-0.5	Soil			X	X	X	
SS-26-B1	SS-26-B1-1.0	1.0-1.5	Soil			X	X	X	Lab is to hold sample and to analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample as directed by Tetra Tech.
SS-26-B2	SS-26-B2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-B1-0.0, and if directed by Tetra Tech.
SS-26-C1	SS-26-C1-0.0	0.0-0.5	Soil			X	X	X	
SS-26-C1	SS-26-C1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-26-C2	SS-26-C2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-C1-0.0, and if directed by Tetra Tech.
SS-26-D1	SS-26-D1-0.0	0.0-0.5	Soil			X	X	X	
SS-26-D1	SS-26-D1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-26-D2	SS-26-D2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-D1-0.0, and if directed by Tetra Tech.
SS-28	SS-28-1.0	1.0-1.5	Soil			X	X	X	
SS-28-A1	SS-28-A1-0.0	0.0-0.5	Soil			X	X	X	
SS-28-A1	SS-28-A1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-28-A2	SS-28-A2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-A1-0.0, and if directed by Tetra Tech.
SS-28-B1	SS-28-B1-0.0	0.0-0.5	Soil			X	X	X	
SS-28-B1	SS-28-B1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-28-B2	SS-28-B2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-B1-0.0, and if directed by Tetra Tech.
SS-28-C1	SS-28-C1-0.0	0.0-0.5	Soil			X	X	X	
SS-28-C1	SS-28-C1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-28-C2	SS-28-C2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-C1-0.0, and if directed by Tetra Tech.
SS-29	SS-29-1.0	1.0-1.5	Soil			X	X	X	
SS-29-A1	SS-29-A1-0.0	0.0-0.5	Soil			X	X	X	
SS-29-A1	SS-29-A1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-29-A2	SS-29-A2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-A1-0.0, and if directed by Tetra Tech.
SS-29-B1	SS-29-B1-0.0	0.0-0.5	Soil			X	X	X	
SS-29-B1	**DUP 4**	0.0-0.5	Soil			X	X	X	
SS-29-B1	SS-29-B1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-29-B2	SS-29-B2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-B1-0.0, and if directed by Tetra Tech.
SS-29-C1	SS-29-C1-0.0	0.0-0.5	Soil			X	X	X	
SS-29-C1	SS-29-C1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.
SS-29-C2	SS-29-C12-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-C1-0.0, and if directed by Tetra Tech.
SS-29-D1	SS-29-D1-0.0	0.0-0.5	Soil			X	X	X	
SS-29-D1	SS-29-D1-1.0	1.0-1.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in correlating surface soil sample, and if directed to by Tetra Tech.

Table 1
Supplemental Site Investigation Sample Analysis Schedule
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Sample Location	Sample ID	Sample Depth (feet bgs)	Matrix	Soil Sample Analyses					Comments
				OCPs EPA 8081A	Lead EPA 6010B	TPHh/m EPA 8015M	TPHd EPA 8015M	TPHg EPA 8015M	
SS-29-D2	SS-29-D2-0.0	0.0-0.5	Soil			X	X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-D1-0.0, and if directed by Tetra Tech.
SS-30	SS-30-0.0	0.0-0.5	Soil	X	X				
SS-30	DUP 5	0.0-0.5	Soil	X	X				
SS-30	SS-30-2.0	2.0-2.5	Soil	X					
SS-31	SS-31-0.0	0.0-0.5	Soil	X	X				
SS-31	SS-31-2.0	2.0-2.5	Soil	X					
SS-32	SS-32-0.0	0.0-0.5	Soil	X	X				
SS-32	SS-32-2.0	2.0-2.5	Soil	X					
SS-33	SS-33-0.0	0.0-0.5	Soil	X	X				
SS-33	SS-33-2.0	2.0-2.5	Soil	X					
SS-34	SS-34-0.0	0.0-0.5	Soil	X	X				
SS-34-	SS-34-2.0	2.0-2.5	Soil	X					
SS-35	SS-35-0.0	0.0-0.5	Soil	X	X				
SS-35	DUP 6	0.0-0.5	Soil	X	X				
SS-35	SS-35-2.0	2.0-2.5	Soil	X					
SS-36	SS-36-0.0	0.0-0.5	Soil	X	X				
SS-36	SS-36-2.0	2.0-2.5	Soil	X					
SS-37	SS-37-0.0	0.0-0.5	Soil	X	X				
SS-37	SS-37-2.0	2.0-2.5	Soil	X					
SS-38	SS-38-0.0	0.0-0.5	Soil	X	X				
SS-38	SS-38-2.0	2.0-2.5	Soil	X					
SS-39	SS-39-0.0	0.0-0.5	Soil	X	X				
SS-39	DUP 7	0.0-0.5	Soil	X					
SS-39	SS-39-2.0	2.0-2.5	Soil	X					
SS-40	SS-40-0.0	0.0-0.5	Soil	X	X				
SS-40	SS-40-2.0	2.0-2.5	Soil	X					
Total Discrete Samples				22	11	34-88[a]	34-88[a]	34-88[a]	
Total Duplicate Samples				3	2	4-10[b]	4-10[b]	4-10[b]	
Total Samples				25	13	38-98[a, b]	38-98[a, b]	38-98[a, b]	

Table 1
Supplemental Site Investigation Sample Analysis Schedule
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Notes:

a - The total number of discrete soil samples that are analyzed for TPHh/m, TPHd, and TPHg will depend on the number of the tentative surface and subsurface soils that require analysis as described in the Notes column.

A minimum of 34 and a maximum of 88 discrete soil samples will be analyzed for TPHh/m, TPHd, and TPHg.

b - The total number of duplicate soil samples that are analyzed for TPHh/m, TPHd, and TPHg will depend on the number of the tentative surface and subsurface soils that require analysis as described in the Notes column.

A minimum of 4 and a maximum of 10 duplicate soil samples will be analyzed for TPHh/m, TPHd, and TPHg.

EPA - U.S. Environmental Protection Agency

OCPs - organochlorine pesticides

TPHd - Diesel range total petroleum hydrocarbons

TPHg - Gasoline range total petroleum hydrocarbons

TPHh/m - Hydraulic oil/motor oil range total petroleum hydrocarbons

Table 2
Analytical Methods, Detection Limits, and Screening Levels for Soil Samples
Rio Del Valle Middle School Expansion Project SSI

ANALYTE	MDL	PQL	UNITS	Residential Soil Screening Level			UNITS
				Cancer	Noncancer	Note	
Total Petroleum Hydrocarbons by Modified EPA 8015B							
TPH as Gasoline (C_4 to C_{14})	0.058	0.20	mg/Kg	NA	100	1	mg/Kg
TPH as Diesel (C_{12} to C_{24})	2.2	10	mg/Kg	NA	260	1	mg/Kg
TPH as Hydraulic Oil/Motor Oil (C_{25}-C_{32})	7.0	20	mg/Kg	NA	1,600	1	mg/Kg
TTLC Metals by Method 6010B							
Lead	0.41	2.5	mg/Kg	NA	80	3	mg/Kg
Organochlorine Pesticide Compounds by EPA 8081A							
Aldrin	0.00018	0.0050	mg/Kg	0.04	2.3	3	mg/Kg
Chlordane (Technical)	0.50	0.010	mg/Kg	1.7	35	3	mg/Kg
4,4'-DDD (DDD)	0.0050	0.00064	mg/Kg	2.3	1.9	3	mg/Kg
4,4'-DDE (DDE)	0.0050	0.00095	mg/Kg	2	23	3	mg/Kg
4,4'-DDT (DDT)	0.0050	0.00040	mg/Kg	1.9	37	3	mg/Kg
Dieldrin	0.0050	0.00036	mg/Kg	0.034	3.2	3	mg/Kg
Endosulfan 1	0.0050	0.00020	mg/Kg	NA	450	3	mg/Kg
Endosulfan 11	0.0050	0.00034	mg/Kg	NA	450	3	mg/Kg
Endosulfan sulfate	0.0050	0.00026	mg/Kg	NA	380	3	mg/Kg
Endrin	0.0050	0.00065	mg/Kg	NA	19	3	mg/Kg
Endrin aldehyde	0.0050	0.00018	mg/Kg	NA	NA		mg/Kg
Heptachlor	0.0050	0.00086	mg/Kg	0.13	38	3	mg/Kg
Heptachlor epoxide	0.0050	0.00017	mg/Kg	0.07	0.99	3	mg/Kg
alpha-Hexachlorocyclohexane (Alpha-BHC)	0.00038	0.0050	mg/Kg	0.086	NA	2	mg/Kg
Beta- Hexachlorocyclohexane (Betta-BHC)	0.00048	0.0050	mg/Kg	0.30	NA	2	mg/Kg
Delta- Hexachlorocyclohexane (Delta-BHC)	0.00037	0.0050	mg/Kg	0.30	NA	2	mg/Kg
gamma- Hexachlorocyclohexane (Gamma-BHC, Lindane)	0.00018	0.0050	mg/Kg	0.57	NA	2	mg/Kg
Methoxychlor	0.0050	0.014	mg/Kg	NA	320	3	mg/Kg
Toxaphene	0.5	0.2	mg/Kg	0.45	5.7	3	mg/Kg

Notes:

1 - Residential Soil Screening Levels are from Tier 1 Environmental Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 201

2 - Residential Soil Screening Level is the USEPA Region 9 Soil RSLs (USEPA 2018) as recommended by DTSC HHRA Note 3 (DTSC 2022).

3 - Residential Soil Screening Level is the DTSC-Modified Soil Screening Level from Table 1 of DTSC HHRA Note 3 (DTSC 2022).

EPA - U.S. Environmental Protection Agency

MDL - method detection limit

PQL - practical quantitation limit

NA - not applicable

mg/kg - milligrams per kilogram

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Job No. 112G-SBA-T41501

Supplemental Site Investigation
Rio Del Valle Middle School Expansion Project
South Parcel
2600 North Rose Avenue
Oxnard, California 93036

Prepared for:

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September 26, 2022

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1.0 INTRODUCTION

1.1 BACKGROUND

This Supplemental Site Investigation (SSI) Report was prepared by Tetra Tech for submittal to the California Environmental Protection Agency (Cal/EPA), Department of Toxic Substances Control (DTSC), School Evaluation and Cleanup Branch on behalf of the Rio School District (RSD) for their Rio Del Valle Middle School Expansion Project South Parcel (hereinafter referred to as the Site) (Figure 1). The scope of services for this SSI have been developed to assist the RSD in further assessing the nature and extent of total petroleum hydrocarbons (TPH) identified in Site surface soils at concentrations above Screening Levels that were identified in soil samples collected for the *Phase II Environmental Assessment Rio Del Valle Middle School Expansion Project 2600 North Rose Avenue, Oxnard California 93063* (Tetra Tech 2021b) (Phase II ESA), potential organochlorine pesticides (OCPs) from former termiticide applications, and lead based paint (LPB) in soil around the existing residential structure, garage, and utility shed that were identified in the *Phase I Environmental Assessment, Rio Del Valle Middle School Expansion Project, 2600 North Rose Avenue, Oxnard, California 93036* (Tetra Tech 2021a) (Phase I ESA). The SSI is based on the scope of work in the *Revised Technical Memorandum Supplemental Site Investigation Field Sampling Plan, Rio Del Valle Middle School Expansion Project South Parcel 2600 South Rose Avenue, Oxnard, California 93036* (Tetra Tech 2022b) (RSSIFSP).

Tetra Tech previously prepared the *Technical Memorandum Supplemental Site Investigation Field Sampling Plan, Rio Del Valle Middle School Expansion Project South Parcel 2600 South Rose Avenue, Oxnard, California 93036* (Tetra Tech 2022a) (SSIFSP) to complete the SSI work scope that was agreed on by Tetra Tech, the RSD, and the DTSC during the SSI scoping telephone conference conducted on June 14, 2022. Following review of the proposal to complete the work in the SSIFSP, the RSD requested that Tetra Tech renegotiate with DTSC and request that a land use covenant (LUC) be placed on the impacted areas of the Site because the estimated costs to complete the SSI were more than the RSD was willing to spend at this time. A Teams meeting was held between Tetra Tech and DTSC on July 25, 2022. An alternative strategy was presented by Tetra Tech that eliminated the soil gas survey and direct push drilling. This strategy reduced the cost for completing the SSI significantly. This approach was accepted by DTSC during the July 25, 2022 meeting. The RSSIFSP and SSI are based on the revised scope of work agreed to by DTSC during the July 25, 2022 meeting.

This SSI Report includes limited background and historical use information regarding the Site. A detailed summary of Site background and historical use information for the Site is presented in the Phase I ESA (Tetra Tech 2021a) and the Phase II ESA (Tetra Tech 2021b). This SSI Report presents the details of the SSI sampling, analytical work, a human health screening evaluation, and conclusions and recommendations for the TPH-impacted soils, OCP-impacted soils, and LBP in soil at the Site based upon the contaminants of concern identified through SSI field sampling program and the results of the SSI Human Health Risk Evaluation.

1.2 DESIGNATED CONTACT PERSONS

The primary designated contact persons for Tetra Tech are Jim Steele and Randy Westhaus. Jim Steele is the Project Manager and Randy Westhaus is Tetra Tech's California Schools Director. Their contact information is:

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The designated contact person for the RSD is Wael Saleh. Mr. Saleh is the Assistant Superintendent, Chief Business Official for the RSD. The contact information for Mr. Saleh is:

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2.0 SITE LOCATION AND DESCRIPTION

The Site is located on a 11.1 acre rectangular-shaped portion of APN 144-0-110-590 at 2600 North Rose Avenue, a 21.98-acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). The Site is owned by KMS Industries, Inc. and is leased by Reiter Affiliated Companies. At the time of the June 18, 2021 Phase II ESA field sampling event, the Site comprised an approximate 11.1-acre area of the 21.98-acre parcel owned by KMS Industries, Inc. and was leased by Reiter Affiliated Companies (Figure 2). In August 2022, the Site contained (approximately) a 0.3-acre Residence, 0.25-acre Tenant Storage Yard, a 0.45-acre vacant area that was formerly the Junk Vehicle Storage Area, a 1.1-acre Farm Equipment Storage and Parking Area, and a 0.3-acre Farm Yard. The remaining 8.7 acres of the Site was occupied by areas of row crop production with access roads. Historical aerial photographs and Google Earth images indicate that the Site was previously used for cultivation of row crops and orchards. The Residence contains an unmaintained swimming pool, yard, parking area and garage, and tool shed. The Junk Vehicle Storage Area formerly contained approximately 30 junk cars. The Tenant Storage Yard formerly contained a trailer, motor a home, two storage containers, and a utility truck. The vehicles in the former Junk Vehicle Storage Area and items in the Tenant Storage Yard had been removed before the Phase II ESA June 18, 2021 sampling event. The Farm Equipment Storage and Parking Area contained agricultural equipment such as fertilizer tanks, shade structures, tarps, wood, and motorized equipment. Three cylindrical steel above ground storage tanks (ASTs) with steel secondary containment bins that are owned and operated by Reiter Affiliated Companies were observed in the Farm Equipment Storage and Parking Area (Figure 2). The ASTs contained diesel fuel, red diesel fuel, and gasoline for farm equipment. The two diesel ASTs are approximately 300 gallons capacity each and the gasoline AST is approximately 500 gallons capacity. The ASTs are within individual steel containment bins.

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3.0 PHYSICAL SETTING, GEOLOGY, AND HYDROLOGY

3.1 PHYSICAL SETTING

The Site is depicted on the Oxnard, California Quadrangle U.S. Geological Survey (USGS) 7.5-minute topographic series map (USGS 2015) (Figure 1). The geographic coordinates of the Site are approximately Latitude 34° 13' 50.75" North, Longitude 119° 9' 15.86" West (Google Earth 2021). Surface elevations at the Site range from approximately 94 feet above mean sea level (msl) in the northwest corner of the Site to 89 feet above msl in the southeast corner of the Site with a topographic gradient that is generally flat with a gentle slope to the southeast (Environmental Data Resources, Inc. [EDR] 2021).

3.2 REGIONAL GEOLOGY

The Site is located in Ventura County on the Oxnard Plain of the central Ventura Basin within the Western Transverse Ranges geomorphic province of California. This geomorphic province is distinguished by the prevailing east-west linear trend of its geologic structure and geomorphology in contrast to the predominant northwest-southeast trend of the geomorphic features within most other provinces of the state. The province is bounded by major faults, including the San Andreas Fault zone in the northeast, the Big Pine fault in the north and the Malibu Coast fault in the south. Most of the faults in Ventura County are reverse faults which dip north, including the Pine Mountain, Red Mountain, San Cayetano, Santa Susana, Simi, Ventura, and Malibu Coast faults (Norris and Webb 1990).

The Ventura Basin is a large synclinal structure situated between the Santa Ynez Range and Topa Mountains on the north, the Channel Islands and Santa Monica Mountains on the south, the San Gabriel Fault on the east, and extending to the western end of the Santa Barbara Channel (Norris and Webb 1990). Structure in the Oxnard Plain is characterized by a series of broadly folded west-trending and east-northeast–trending anticlines and synclines associated with thrust and reverse faults that formed in the Saugus Formation and may have also deformed the overlying older alluvium (California Department of Conservation, California Geologic Survey [CGS] 2002).

3.3 LOCAL GEOLOGY

Locally, the Site is situated in the Oxnard Plain sub-province. Lithologic units of sedimentary origin underlying the nearly flat Oxnard Plain are approximately 45,000 feet in thickness and consist of Upper Cretaceous, Tertiary, and Quaternary-age units which have been deposited on a pre-Upper Cretaceous base of igneous and/or metamorphic rock. Unconsolidated Holocene (last 11,000 years) sediments beneath the Site were deposited during the post-glacial period in marine, lagoonal, lacustrine, fluvial-flood plain, deltaic and eolian environments, including the pre-historic delta of the ancient Santa Clara River and Calleguas Creek and reach a depth of approximately 900 feet beneath the Oxnard Plain (Clahan et al 2003; Turner and Mukae 1975).

3.4 HYDROLOGY

3.4.1 Hydrogeology

The Site is situated at the eastern edge of the Oxnard Forebay basin, a subbasin of the larger Santa Clara-Calleguas groundwater basin. The Oxnard Forebay is an important groundwater recharge area for valuable resources of groundwater in aquifers underlying the Oxnard Plain. The unconsolidated sediments

beneath the Oxnard Forebay and the Site are composed of both continental and marine deposits of Tertiary and Quaternary age. They contain multiple aquifers of coarse grain sediments with intervening fine grain aquitards. Aquifers have been grouped into an Upper Aquifer System (UAS) and a Lower Aquifer System (LAS) based on changes in geologic structure and separated in many areas by regional layers of low permeability clay. The UAS sediments are relatively flat lying and extend to approximately 400 feet beneath the Site. The sediments in the LAS are more structurally complex, resulting from folding and faulting. In the Oxnard Forebay, alluvial sediments in the subsurface are predominantly coarse grain sands and gravels. Fine grain sediments, such as silts and clays, which can act as confining layers are generally absent or discontinuous. This condition allows for direct recharge of the UAS from the surface and some recharge of the LAS from the UAS in the subsurface (Fox Canyon Ground Water Management Agency 2017; Turner and Mukae 1975).

The first encountered groundwater beneath the Site is in the UAS. Review of potentiometric maps for the UAS from 1972 through 2016 indicate that the depth to groundwater ranged from approximately 33 feet below ground surface (bgs) to 133 feet bgs during that time period (Fox Canyon Groundwater Management Agency 2015). The most recent groundwater elevation data for fall 2016 indicates that the first encountered groundwater in the Site area was at approximately -36 feet below mean sea level (msl) or approximately 133 feet bgs (Fox Canyon Groundwater Management Agency 2019). The depth to the highest known historical groundwater level in the Site area is approximately 20 feet bgs (CGS 2002).

3.4.2 Surface Water

No surface water was observed at the Site during the reconnaissance performed during August 2022 during the SSI field exploration. It is likely that during periods of moderate rainfall, free surface water that accumulates on the Site may flow south and southwest and possibly into gutters along Collins Street and North Rose Avenue (Figures 1 and 2). However, the U.S. Department of Agriculture, Soil Conservation Service report indicates that soil permeability at the Site is moderate to rapidly moderate and surface runoff is very slow, such that there is a low hazard of erosion by water (USDA 1970).

4.0 PHASE I ESA

Tetra Tech completed a Phase I ESA for the Site in 2021 (Tetra Tech 2021a). The key information from the Phase I ESA is summarized in this section.

The review of historical aerial photographs and maps, and interviews with the current owner, indicate the Site and adjacent areas have been used for agricultural production (row crops) since at least 1927. The Site is currently being used for organic crop cultivation and has been over the last 10 years. Tetra Tech reviewed the Geologic Energy Management Division's (CalGEM, formerly DOGGR) online mapping application Well Finder (CalGEM 2020), Map 214 (California Department of Conservation, Division of Oil, Gas, and Geothermal Resources [DOGGR] 2000]), and associated well history documents to evaluate potential presence of oil fields and wells within the Site vicinity. Records indicate that the Site is not located in an oil field. The nearest oil field to the Site is the Santa Clara Avenue Field, located approximately 0.5 to 1 mile southeast of the Site. There are no known active or abandoned wells on Site. No oil production related pipelines or other facilities are located onsite or are known to have formerly been located onsite (Tetra Tech 2021a).

Tetra Tech reviewed online resources at the Cal EPA State Water Resources Control Board (SWRCB) GeoTracker database (SWRCB 2021) for any records pertaining to the Site and surrounding area. The GeoTracker database did not show any records for cases located on the Site. According to the GeoTracker database, four closed Leaking Underground Storage Tanks (LUSTs) are present approximately 0.2 miles southwest of the Site along Auto Center Drive. In addition, two closed LUSTs are present approximately 0.5 miles northeast of the Site on North Rose Avenue. These six sites do not pose a risk to the Site (Tetra Tech 2021a).

The following Recognized Environmental Conditions (RECs) were identified for the Site in the 2021 Phase I ESA:

- REC 1: Potential impacts from former agricultural pesticide application;
- REC 2: Potential bunker oil releases from potential former smudge pot frost abatement;
- REC 3: Hydrocarbon and potentially toxic metals releases to surface soil from junk vehicles formerly stored at the Site;
- REC 4: Hydrocarbon releases to surface soil from the two-diesel fuel and one gasoline ASTs at the Site;
- REC 5: Three PCB-containing pole-mounted electrical transformers; and
- REC 6: Three high-volume water transmission pipelines within 1,500 feet of the Site.

The following four *de minimis* conditions have been identified in the Phase I ESA.

- Potential that asbestos containing building materials (ACBMs) may be present in the building materials in the residence area structures.

- Potential that lead-based paint (LBP) in the building materials in the residence area structures and LBP chips may be present in the surface soil surrounding the residence area structures.

- The residence is connected to a septic system. The location of the septic system appurtenances (leach field and septic tank) was not disclosed by the property owner to Tetra Tech.

- The minor housekeeping issues observed in the residence area included fertilizers, paint, and cleaning products found throughout the home and storage area, and the haphazardly stored items (old paint, fertilizer product, equipment, etc.) in the woodshed.

The Phase I ESA recommended that a Phase II ESA be performed to assess RECs 1 through 5 in accordance with DTSC guidelines for completing a Preliminary Environmental Assessment (PEA) including the *Preliminary Endangerment Guidance Manual* (DTSC 2015b) (PEA Guidance Manual) and the *Interim Guidance for Sampling Agricultural Properties (Third Revision)* (DTSC 2008) (Agricultural Fields Guidance). To evaluate the potential risks posed by REC 6, a hazardous pipeline assessment should be conducted in accordance with the *Guidance Protocol for School Site Pipeline Risk Analysis* (California Department of Education [CDE] 2007).

5.0 PHASE II ESA SUMMARY

On behalf of the RSD, Tetra Tech prepared the Phase II ESA report dated September 24, 2021 (Tetra Tech 2021b). The Phase II ESA field sampling program assessed RECs 1 through 5 as described below.

- REC 1, potential impacts from former agricultural pesticide application, was assessed by the collection of 20 discrete surface soil samples at depths of 0 to 0.5 feet bgs that were combined into five composite samples and one duplicate composite sample and analyzed for OCPs using United States Environmental Protection Agency (USEPA) method 8081A, and the collection of five discrete surface soil samples and one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for total arsenic using EPA method 6010B.

- REC 2, potential bunker oil releases from potential former smudge pot frost abatement, was assessed by the collection of 10 discrete surface soil samples at depths and one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for semivolatile organic compounds (SVOCs) using EPA method 8270C, polyaromatic hydrocarbons (PAHs) using EPA method 8270C SIM, and diesel fuel total petroleum hydrocarbons (TPHd) and motor oil total petroleum hydrocarbons (TPHh/m) using EPA method 8015M.

- REC 3, Hydrocarbon and potentially toxic metals releases to surface soil from junk vehicles formerly stored at the site and REC 4, hydrocarbon releases to surface soil from the two diesel fuel and one gasoline ASTs, were assessed by the collection of 7 discrete surface soil samples at depths and one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for CAM 17 Metals using EPA method 6010B/7471A, SVOCs using EPA method 8270C, PAHs using EPA method 8270C SIM, gasoline range total petroleum hydrocarbons (TPHg) using the LUFT gas chromatograph/mass spectrometer (GC/MS) method, TPHd and TPHh/m using EPA method 8015M, and volatile organic compounds (VOCs) using EPA method 8260B.

- REC 5, Three pole-mounted electrical transformers, was assessed by the collection of 3 discrete surface soil samples at depths one duplicate soil sample at depths of 0 to 0.5 bgs that were analyzed for PCBs using EPA method 8082.

The Phase II ESA surface soil sample analysis results did not yield OCPs and arsenic (REC 1), SVOCs and PAHs (REC 2), VOCs (REC 4), and PCBs (REC 5) at concentrations above relevant screening levels. The Phase II ESA surface soil sample results did indicate that TPHg, TPHd, and TPHh/m were present at the Site at concentrations above relevant screening levels due to releases from the junk vehicles previously stored at the Site and the fuel storage ASTs (RECs 3 and 4). The locations of the surface soil samples with TPHg, TPHd, and TPHh/m with concentrations above relevant screening levels are shown on Figure 3 and summarized in Table 1 for the Phase II ESA TPHg, TPHd, and TPHh/m sample results.

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6.0 PEA EQUIVALENT AND SSI SCOPE OF WORK DEVELOPMENT

On behalf of the RSD, Tetra Tech submitted the Phase I ESA (Tetra Tech 2021a) and Phase II ESA (Tetra Tech 2021b) to DTSC as a PEA Equivalent on March 30, 2022. In a letter dated May 10, 2022, the DTSC concurred with the adequacy of the PEA Equivalent pending review of public comments (DTSC 2022c). DTSC's comments on the PEA Equivalent report were included as an attachment to the letter identifying discrepancies that required clarification and/or modification that should be addressed in the SSI. Potential impacts to the soils around the residential structures from OCPs in termiticides and LBP in soil were identified as items that should be further assessed in the SSI. The DTSC approved the PEA Equivalent in a letter dated August 8, 2022 (DTSC 2022e).

A SSI scoping telephone conference was conducted on June 14, 2022 between DTSC, Tetra Tech, RSD, and Sage. The discrepancies that required clarification and/or modification in the May 10, 2022 DTSC letter were discussed in the scoping meeting and resolved for the SSI. The proposed SSI work plan was discussed during the scoping telephone conference, and adjustments were made to the SSI work plan initially presented by Tetra Tech based on DTSC comments. The scope of work presented in the SSIFSP (Tetra Tech 2022a) was based on the scope of work agreed on by DTSC, Tetra Tech, RSD, and Sage during the June 14, 2022 SSI scoping telephone conference. The DTSC approved the SSIFSP in a letter dated July 5 2022 (DTSC 2022d). As described in Section 1.0, at the request of the RSD, a Teams meeting was held between Tetra Tech and DTSC on July 25, 2022 in which an alternative strategy was presented by Tetra Tech that eliminated the soil gas survey and direct push drilling from the SSI field work included in the SSIFSP. This strategy reduced the cost for completing the SSI significantly. This approach was accepted by DTSC during the July 25, 2022, meeting and is the basis for the work scope in the RSSIFSP (Tetra Tech 2022b). The DTSC approved the RSSIFSP in a letter dated August 12, 2022 (DTSC 2022f) which is included in Appendix A.

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7.0 SSI FIELD WORK

7.1 SAMPLING STRATEGY AND APPROACH

The field sampling assessment consists of a subsurface soil sample collection program using hand auger sampling methods with fixed laboratory sample analysis. The following subsections describe the rationale and scope of sampling. The Site ground surface is relatively flat and was partially planted in crops during implementation of the SSI sampling program. The areas for the proposed SSI field work will not be in areas of the Site that will be planted in crops.

7.1.1 Rationale

The SSI sample locations discussed below are shown on Figure 4. The SSI is being performed to further assess:

- The lateral and vertical extent of TPHg, TPHd, and motor oil total petroleum hydrocarbons (TPHm) (equivalent to TPHh/m) at concentrations in soil at or above relevant screening levels at the seven locations where TPHg, TPHd, TPHm were detected in surface soil samples at concentrations exceeding relevant screening levels (SS-10, SS-23, SS-24, SS-25, SS-26, SS-28, and SS-29);

- Potential OCPs at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) and subsurface soil (2.5-3.0 feet bgs) in the soil within 2 feet of the residential structures at proposed sample locations SS-30 through SS-40; and

- Potential LBP at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) in the soil within 2 feet of the residential structures at proposed sample locations SS-30 through SS-40.

Relevant constituent screening levels are defined as those that were identified in the May 10, 2022 DTSC letter (DTSC 2022c) per the DTSC's Toxicity Criteria Rule (https://dtsc.ca.gov/regs/toxicity-criteria-for-human-health-risk-assessment/). The screening levels provided in *Human Health Risk Assessment (HHRA) Note Number 3 DTSC Modified Screening Levels (DTSC-SLs)* (HHRA Note 3) (DTSC 2022b) were used in preference to U.S. EPA Regional Screening Levels (RSLs) (U.S. EPA 2022a) when evaluating contaminants in environmental media at California sites and facilities. When screening levels for a chemical are not listed in HHRA Note Number 3, USEPA's RSL tables were used. The San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Environmental Screening Levels (ESLs), Tier 1 ESLs were used for TPHg, TPHd, and TPHm (SFRWQCB 2019).

7.1.2 Field Coordination

Tetra Tech coordinated Site access with the Site owner, KMS Industries, Inc. and tenant, Reiter Affiliated Companies prior to performing the SSI field sampling. The soil samples were collected using sampling methods that were executed in a manner that avoided damaging crops and Site infrastructure.

7.2 SAMPLING METHODS AND PROCEDURES

Tetra Tech completed the SSI field soil sample collection on August 15 and 16, 2022. This section describes the methods and procedures that were used to collect and analyze soil samples.

7.2.1 Sample Site Location and Utility Clearance

The GPS coordinates of the seven soil sample locations where TPHg, TPHd, and TPHm were detected at concentrations exceeding relevant screening levels (sample locations SS-10, SS-23, SS-24, SS-25, SS-26, SS-28, and SS-29) and sample locations SS-1 and SS-22 were previously mapped in the field. These GPS sample location coordinates were used to relocate these sample locations for the SSI using the ESRI Collector program system. The estimated new sample locations for samples SS-30 through SS-40 and the step out samples for sample locations SS-10, SS-23, SS-24, SS-25, SS-26, SS-28, and SS-29 were entered into the ESRI Collector program prior to field work and corrected in the field as needed. Sample location depths in feet bgs were recorded using the ESRI Collector program and in our field notes. These data are presented on figures and in tables in this SSI report. The utility clearance for these soil sample locations was performed by meeting with Site owner, KMS Industries, Inc. and tenant, Reiter Affiliated Companies prior to performing the SSI field sampling. In addition, Tetra Tech marked the proposed boring locations and contacted Dig Alert to provide markout services.

7.2.2 SSI Sampling Program

7.2.2.1 TPHg, TPHd, and TPHm Impacted Soil Assessment

Soil Sample Collection

Soil samples were collected to assess the lateral and vertical extent of the TPHg, TPHd, and TPHm impacted soil identified at the seven Phase II ESA sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 (Figure 4 and Table 1). Step out soil samples were collected at 5 feet (sets A1, B1, C1, and D1) and 10 feet (sets A2, B2, C2, and D2) to the northeast, southeast, southwest, and northwest of each of the seven Phase II ESA sample locations identified above. Surface soil samples were collected from 0 to 0.5 feet bgs at the seven sets of A1, B1, C1, and D1 step out sample locations. Subsurface soil samples were also collected at sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 and their associated step out sample locations, A1, B1, C1, and D1 at 1.0 to 1.5 feet bgs. Surface soil samples were collected using hand sampling methods from 0.0 to 0.5 feet bgs at the A2, B2, C2, and D2 step out sample locations associated with sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29. The hand sampling equipment was decontaminated between each boring using a phosphate-free detergent wash and successive rinses with potable and deionized water.

After sample collection, the subsurface soil samples collected at sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 and the surface soil samples at their associated initial step out at sample locations, A1, B1, C1, and D1 were submitted for laboratory analysis (Figure 4 and Table 2). If TPHg, TPHd, and TPHm were detected at concentrations exceeding their relevant screening levels in the surface soil samples from the associated initial step out at sample locations A1, B1, C1, and D1, then the associated subsurface soil sample and secondary step out surface soil sample (samples A2, B2, C2, and D2) were submitted for laboratory analysis.

Following the sample analysis strategy described in the previous paragraph, the subsurface soil samples collected at sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 and the surface soil samples at their associated initial step out at sample locations A1, B1, C1, and D1 were submitted for laboratory analysis. Because TPHd was detected at a concentration exceeding the relevant screening level in the surface soil sample from SS-23-D1-0.0, subsurface soil sample from SS-23-D1-1.0 and surface soil sample from SS-23-D2-0.0, these samples were analyzed for TPHg, TPHd, and TPHm. Because TPHd was detected at a concentration exceeding the relevant screening level in the surface soil sample from samples SS-26-B1-0.0, subsurface soil sample from SS-26-B1-1.0 and surface soil sample from SS-26-

B2-0.0, these samples were analyzed for TPHg, TPHd, and TPHm. A total of 27 discrete and two duplicate surface soil samples were analyzed for TPHg, TPHd, and TPHm using EPA method 8015B. A total of 7 discrete and two duplicate subsurface soil samples were analyzed for TPHg, TPHd, and TPHm using EPA method 8015B.

The borings were logged using the Unified Soil Classification System (USCS) as defined in the ASTM methods D 2487-90 (ASTM 2017a) and D 2488-90 (ASTM 2017b). During sampling, a photoionization detector (PID) calibrated with isobutylene gas was used to monitor the potential presence and concentrations of organic vapors in the breathing zone for workers at each sample location and to screen soil samples. These organic vapor readings were recorded on field logs prepared by the field geologist/engineer during sampling activities. The drill cuttings and soil samples were evaluated in the field for staining and odor. The labeled samples were placed in an ice chest containing pre-cooled artificial ice pending delivery to the analytical laboratory with chain-of-custody (COC) records. Instructions were included on the COCs.

The following sampling information was recorded on the field logs: sample number and location, date and time, sample depth, lithologic description in accordance with the USCS (ASTM 2017a, 2017b), description of any visible evidence of soil contamination (i.e., odor, staining), and PID readings.

7.2.2.2 Potential OCP and Lead in Soil Assessment

Soil Sample Collection

Soil samples were collected to assess potential OCPs at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) and subsurface soil (2.5-3.0 feet bgs) in the soil, and lead at concentrations at or above relevant screening levels in surface soil (0.0-0.5 feet bgs) within 2 feet of the residential structures at proposed sample locations SS-30 through SS-40 (Figure 4 and Table 2). The sample collection and laboratory analysis were performed in accordance with the *Interim Guidance Evaluation of School Sites with Potential Contamination from Lead Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers* (DTSC 2006).

The surface and subsurface soil samples were collected using hand auger methods with a hand driven split-spoon sampler. Subsurface soil was directly transferred from the split-spoon sampler into pre-cleaned glass sample containers provided by the analytical laboratory fitted with Teflon-lined screwcaps. The hand auger sampling equipment, including the split spoon sampler, were decontaminated between the collection of each soil sample using a phosphate-free detergent wash and successive rinses with potable and deionized water.

A total of 11 discrete surface, 11 discrete subsurface, and three duplicate soil samples were collected and submitted for laboratory analysis for OCPs using EPA method 8081A. A total of 11 discrete surface and 2 duplicate soil samples were collected and submitted for laboratory analysis for total lead using EPA method 6010B.

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8.0 SSI FIELD ASSESSMENT RESULTS

8.1 EARTH MATERIALS

The Site geology and soil types are described in Sections 3.2 through 3.4.2. Thirty five soil borings (borings SS-10, SS-23 through SS-26, SS-28, and SS-29 and their associated initial step outs at sample locations, A1, B1, C1, and D1) were completed to 1.5 feet bgs and 11 soil borings (borings SS-30 through SS-40) were completed to 2.5 feet bgs for the SSI at the locations shown on Figure 4. Twenty-eight surface soil samples were collected from approximately 0.0 to 0.5 feet bgs at the A2, B2, C2, and D2 secondary step outs at sample locations for borings SS-10, SS-23 through SS-26, SS-28, and SS-29.

The boring logs are included in Appendix B. The general subsurface profile observed in the borings consisted of silt, silty sand, and sand at the ground surface extending to the total depth of each boring at 2.5 feet bgs. Diesel fuel soil staining was noted in samples SS-23-1.0 and SS-23-D1-0.0 and a PID soil vapor reading of 4.4 parts per million by volume (ppmv) was recorded for soil sample SS-23-1.0 and 0.4 ppmv for soil sample SS-23-D1-0.0. No VOC vapors, soil staining, or odors indicative of contamination were noted in the soils logged for the remainder of the borings completed and soil samples collected for the SSI.

8.2 GROUNDWATER

The Site area hydrogeology is described in Section 3.4.1. No groundwater was encountered in the borings completed to 0.5, 1.5, and 2.5 feet bgs for the SSI. The first encountered groundwater beneath the Site is in the UAS. Review of potentiometric maps for the UAS from 1972 through 2016 indicate that the depth to groundwater ranged from approximately 33 feet bgs to 133 feet bgs during that time period (Fox Canyon Groundwater Management Agency 2015). The most recent groundwater elevation data for Fall 2016 indicates that the first encountered groundwater in the Site area was at approximately -36 feet below mean sea level (msl) or approximately 133 feet bgs (Fox Canyon Groundwater Management Agency 2019). The depth to the highest known historical groundwater level in the Site area is approximately 20 feet bgs (CGS 2002).

8.3 SOIL SAMPLE ANALYSIS RESULTS

The soil sample analysis schedule is presented in Table 2 and their locations are shown on Figure 4. The soil sample analyses were performed by Eurofins/Calscience, a California State Certified laboratory.

The laboratory reporting limits and soil sample screening levels for subsurface soil samples are provided in Table 3. The SFRWQCB Tier 1 ESLs were used for evaluating TPHg, TPHd, and TPHm soil concentrations (SFRWQCB 2019). The soil samples analyzed for OCPs and total lead were compared to the screening levels provided in HHRA Note 3 (DTSC 2022b) and were used in preference to U.S. EPA RSLs (U.S. EPA 2022a) when evaluating contaminants in environmental media at California sites and facilities. When screening levels for a chemical are not listed in HHRA Note Number 3, USEPA's RSL tables were used.

8.3.1 TPHg, TPHd, and TPHm Impacted Soil Assessment

Select soil samples collected for the SSI were submitted for laboratory analysis to assess the lateral and vertical extent of the TPHg, TPHd, and TPHm impacted soil. These soil samples were analyzed for TPHg, TPHd, and TPHm by EPA method 8015B. As described in Section 7.2.2.1, a total of 27 discrete and two duplicate surface soil samples were analyzed for TPHg, TPHd, and TPHm using EPA method

8015B for the SSI. A total of 7 discrete and two duplicate subsurface soil samples were analyzed for TPHg, TPHd, and TPHm using EPA method 8015B for the SSI. The TPHg, TPHd, and TPHm soil sample analysis results are summarized in Table 4 and the laboratory reports are included in Appendix C. The soil sample locations are shown on Figure 4.

Figure 5 presents a hits map that shows the soil sample results at concentrations above or at the SFRWQCB Tier 1 ESLs (SFRWQCB 2019) for residential soil. This figure shows the soil sample analytical results at concentrations exceeding relevant screening levels for soil samples collected for the 2021 Phase II ESA (Tetra Tech 2021b) and for the 2022 SSI.

As shown in Table 1 and Figure 5, the surface soil sample laboratory analytical results from the 2021 Phase II ESA (Tetra Tech 2021b) at seven locations contained TPHg as total purgeable petroleum hydrocarbons (TPPH), TPHd, or TPHm as hydraulic oil\motor oil (TPHm/h) at concentrations greater than their relevant screening levels as follows:

- TPPH were detected in sample SS-23 at a concentration of 310 mg/kg, exceeding the SFRWQCB Tier 1 ESL for residential soil of 100 mg/kg;

- TPHd was detected in samples SS-23 (14,000 mg/kg), SS-24 (25,000 mg/kg), and SS-26 (8,100 mg/kg) at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 260 mg/kg by one to two orders of magnitude; and

- TPHh was detected in samples SS-10 (2,800 mg/kg), SS-25 (27,000 mg/kg), SS-26 (33,000 mg/kg), SS-28 (74,000 mg/kg), and SS-29 (25,000 mg/kg) at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 1,600 mg/kg by one order of magnitude (SFRWQCB 2019).

As shown in Table 4 and Figure 5, the surface soil samples at three locations contain TPHd at concentrations exceeding the SFRWQCB Tier 1 ESL for residential soil of 260 mg/kg as follows:

- TPHd was detected in sample SS-23-D1-0.0 at 920 mg/kg;

- TPHd was detected in sample SS-23-D2-0.0 at 1,600 mg/kg; and

- TPHd was detected in sample SS-26-B1-0.0 at 380 mg/kg.

None of the other surface or subsurface soil samples analyzed for the SSI contained TPHg, TPHd, or TPHm at concentrations above their relevant screening levels.

8.3.2 OCP and Total Lead Soil Assessment

As described in Section 7.2.2.2, a total of 11 discrete surface, 11 discrete subsurface, and three duplicate soil samples were collected and submitted for laboratory analysis for OCPs using EPA method 8081A. A total of 11 discrete surface and 2 duplicate soil samples were collected and submitted for laboratory analysis for total lead using EPA method 6010B. The OCP soil sample analysis results are summarized in Table 5, the total lead sample analysis results are summarized in Table 6, and the laboratory reports are included in Appendix C. The soil sample locations are shown on Figure 4.

As shown in Table 5 and Figure 5, OCPs were detected in the following surface soil samples at concentrations exceeding their Residential Soil Screening Level is the DTSC-Modified Soil Screening Levels (DTSC RSLs) in HHRA Note 3 (DTSC 2022b):

- 4,4'-DDT (DDT) was detected at concentrations exceeding the DTSC RSL of 1,900 micrograms per kilogram (µg/kg) in surface soil samples SS-35-0.0 (3,600 µg/kg) and DUP 6 (2,400 µg/kg);

- Chlordane (Technical) was detected at concentrations exceeding the DTSC RSL of 1,700 µg/kg in surface soil samples SS-30-0.0 (1,800 µg/kg), DUP 5 (2,100 µg/kg), and SS-32-0.0 (3,400 µg/kg);

- Dieldrin was detected at concentrations exceeding the DTSC RSL of 34 µg/kg in surface soil samples SS-31-0.0 (210 µg/kg), SS-35-0.0 (240 µg/kg), DUP 6 (180 µg/kg), SS-36-0.0 (35 µg/kg), SS-39-0.0 (150 µg/kg), and DUP 7 (190 µg/kg), and subsurface soil samples SS-31-2.0 (42 µg/kg), and SS-35-2.0 (340 µg/kg); and

- Toxaphene was detected at concentrations exceeding the DTSC RSL of 450 µg/kg in surface soil samples SS-35-0.0 (2,220 µg/kg), DUP 6 (1,800 µg/kg), SS-39-0.0 (780 µg/kg), and DUP 7 (1,100 µg/kg).

None of the other surface or subsurface soil samples analyzed for the SSI contained OCPs at concentrations above their relevant screening levels.

As shown in Table 6, Total Lead was not detected at concentrations above the DTSC RSL of 80 mg/kg (DTSC 2022b).

8.3.3 Estimated Extent of Total Petroleum Hydrocarbons in Soil at Concentrations Above Relevant Screening Levels

The estimated lateral and vertical extent of TPHg, TPHd, and TPHm at concentrations above screening levels was estimated using the soil sample data from the Phase II ESA (Tetra Tech 2021b) (Table 1) and this SSI (Table 4). The estimated lateral extent of TPHg, TPHd, and TPHm at concentrations above screening levels is shown on Figure 6 and the estimated lateral extent, depth, and volume of TPHg, TPHd, and TPHm at concentrations above screening levels is listed in Table 7.

As shown in Tables 1 and 4 , at sample locations SS-10, SS-24, SS-25, SS-28, and SS-29, TPHg, TPHd, and TPHm were not detected at concentrations exceeding the relevant screening levels in the samples collected at 1 foot bgs beneath the initial sample locations (SS-10, SS-24, SS-25, SS-28, and SS-29) or in any of the associate primary step out samples (A1, B1, C1, and D1). Therefore, the estimated maximum lateral extent of TPHg, TPHd, or TPHm at concentrations exceeding screening levels was set at a circle with a 5-foot radius with its center at each initial sample location. The estimated depth of TPHg, TPHd, and TPHm at concentrations exceeding the relevant screening levels was set at 1-foot bgs. Therefore, the estimated lateral extent of TPHg, TPHd, and TPHm at concentrations exceeding the relevant screening levels at each of the five locations is 78.5 square feet (ft^2) and the estimated volume is 2.9 cubic yards (CY).

At sample location SS-23, TPHg, TPHd, and TPHm were not detected at concentrations exceeding the relevant screening levels in the sample collected at 1-foot bgs beneath the initial sample location (SS-23), or in the associate primary step out samples A1, B1, and C1. TPHg, TPHd, and TPHm were detected at concentrations exceeding the relevant screening levels in the surface soil step out samples D1 and D2.

The estimated area of TPHg, TPHd, and TPHm at concentrations exceeding the relevant screening levels was extended out to approximately 12.5 feet from the initial sample location, SS-23 resulting in an estimated area of 111.2 ft^2 and a volume of 4.1 CY with TPHg, TPHd, and TPHm at concentrations exceeding the relevant screening levels. Although the estimated extent of TPHd at concentrations exceeding the relevant screening levels was not defined to the south of sample location SS-23-D2 by soil sample data, based on field observations of soil conditions, it is estimated not to extend more than approximately 3 feet further to the south of sample location SS-23-D2.

At sample location SS-26, TPHg, TPHd, and TPHm were not detected at concentrations exceeding the relevant screening levels in the sample collected at 1-foot bgs beneath the initial sample location (SS-26), or in the associated primary step out samples A1, C1, and D1. TPHg, TPHd, and TPHm were detected at concentrations exceeding the relevant screening levels in the surface soil step out sample D1 but not in step out sample D2. The estimated area of TPHg, TPHd, and TPHm at concentrations exceeding the relevant screening levels was extended out to approximately 7.5 feet from the initial sample location, SS-26 resulting in an estimated area of 88.3 ft^2 and volume of 3.3 CY with TPHg, TPHd, and TPHm at concentrations exceeding the relevant screening levels.

The total estimated volume of soil with TPHg, TPHd, and TPHm at concentrations exceeding the relevant screening levels at the Site is 21.89 CY (Table 7).

8.3.4 Estimated Extent of Organochlorine Pesticides in Soil at Concentrations Above Relevant Screening Levels

Step out soil samples would need to be collected to assess the extent of OCPs in soil at concentrations above relevant screening levels.

9.0 HUMAN HEALTH RISK EVALUATION

9.1 INTRODUCTION

The SSI Human Health Risk Evaluation (HHRE) has been conducted for hypothetical residential exposures to the chemicals of potential concern (COPCs) identified in soils at the Rio Del Valle Middle School Expansion Project's South Parcel through sample data collected during the Phase II ESA investigation and the SSI.

The SSI HHRE conservatively includes only a hypothetical residential scenario (for unrestricted land use) and assesses cumulative cancer risk and noncancer hazard estimates for both maximum detected COPC concentrations and 95% upper confidence limit (95% UCL) of the arithmetic mean concentrations.

The HHRE consists of four steps: (1) identifying potentially complete exposure pathways based on the conceptual site model, (2) identifying COPCs, (3) estimating exposures to the COPCs and the associated potential health risks, and (4) calculating estimated cumulative cancer risks and noncancer hazards from all COPCs. The findings of the HHRE are summarized in the Risk Characterization (Section 9.5).

9.2 EXPOSURE PATHWAYS AND MEDIA OF CONCERN

9.2.1 Conceptual Site Model

A conceptual site model (CSM) provides a description of the links between contaminant sources at a site, the chemicals detected at the Site, the mechanisms by which chemical transport or migration may occur in the environment, and the persons potentially exposed to environmental media at the Site. The CSM (Figure 7) identifies the potential sources, mechanisms of transport, environmental media of concern, and exposure routes for current and future human receptors at this Site.

As discussed in Section 2.0, the Site is located on a 11.1 acre rectangular-shaped portion of APN 144-0-110-590 at 2600 North Rose Avenue, a 21.98-acre parcel in the Oxnard planning area of Ventura County, California (Figures 1 and 2). In August 2022, the Site contained (approximately) a 0.3-acre Residence, 0.25-acre Tenant Storage Yard, a 0.45-acre vacant area that was formerly the Junk Vehicle Storage Area, a 1.1-acre Farm Equipment Storage and Parking Area, and a 0.3-acre Farm Yard. The remaining 8.7 acres of the Site was occupied by areas of row crop production with access roads. The Residence contains an unmaintained swimming pool, yard, parking area and garage, and tool shed. The Junk Vehicle Storage Area formerly contained approximately 30 junk cars. The Tenant Storage Yard formerly contained a trailer, motor a home, two storage containers, and a utility truck. The vehicles in the former Junk Vehicle Storage Area and items in the Tenant Storage Yard had been removed before the Phase II ESA June 18, 2021 sampling event. The Farm Equipment Storage and Parking Area contained agricultural equipment such as fertilizer tanks, shade structures, tarps, wood, and motorized equipment. Three cylindrical steel above ground storage tanks (ASTs) with steel secondary containment bins that are owned and operated by Reiter Affiliated Companies were observed in the Farm Equipment Storage and Parking Area (Figure 2). The ASTs contained diesel fuel, red diesel fuel, and gasoline for farm equipment. The two diesel ASTs are approximately 300 gallons capacity each and the gasoline AST is approximately 500 gallons capacity. The ASTs are within individual steel containment bins.

As explained in Section 4, the Phase II ESA field sampling program assessed five RECs, and only TPHg, TPHd, and TPHm were present from surface soil samples collected at the Site at concentrations above relevant screening levels. The sources of TPH were associated with junk vehicles previously stored at the Site and the fuel storage ASTs (RECs 3 and 4, as described in Section 4). The locations of the Phase II

ESA surface soil samples with TPHg, TPHd, and TPHm with concentrations above relevant screening levels are shown on Figure 3 and summarized in Table 1 for the Phase II ESA TPHg, TPHd, and TPHm sample results.

DTSC review of the Phase II ESA included recommendations for delineating TPH concentrations around the locations of exceedances of screening values, and that additional soil sampling be conducted around the residential structures and analyzed for OCPs (from possible use of termiticides) and lead (potentially from LBP). Therefore, the SSI was conducted to collect these additional soil data. Table 3 presents the sample IDs and analytical methods for specific samples. Tables 4, 5, and 6 provide the analytical results for the SSI for TPH, OCPs, and lead, respectively.

Middle school children and staff are the receptor groups most likely to be exposed to any chemicals potentially present at the Site. PEA guidance (DTSC 2015b) indicates that sites should be evaluated assuming unrestricted residential land use, regardless of current and future uses. Therefore, the unrestricted land use scenario (i.e., residential land use) was evaluated for this Site, which is protective of future school use since the exposure assumptions for a residential scenario are more conservative than those for a school scenario.

9.2.2 Soil Exposure Pathways

Currently, the Site has areas of bare soils that may be contacted directly. Chemicals of potential concern (COPCs) have been detected in soils at the Site. Therefore, the potential exists for humans to be exposed to COPCs through direct dermal contact with soil and by incidental soil ingestion. In the future, it is likely buildings will be constructed at the Site. These buildings will act to limit exposures to soils by onsite receptors. However, in accordance with PEA guidance, all soils at the Site were considered available for dermal contact, incidental ingestion, and the generation of dusts (DTSC 2015b).

9.2.3 Air Exposure Pathways

The Phase II ESA included analyses for VOCs, and none were detected at concentrations exceeding screening levels. Therefore, inhalation of volatiles from soil is not considered a complete exposure pathway for on-Site receptors. Nonvolatile chemicals may be sorb to soils. Wind erosion and dispersion of soil particulates could potentially result in exposure to these nonvolatile chemicals associated with airborne soil particulates (i.e., dusts). Therefore, it was assumed that receptors could potentially be exposed to COPCs by the inhalation of airborne dusts.

9.2.4 Summary of Selected Exposure Pathways

Although the Site is planned for middle school use, for the purpose of this screening evaluation, a residential/unrestricted land use scenario was assumed. Receptors were assumed to be potentially exposed to chemicals at the Site by direct dermal contact with soils, incidental ingestion of soils, and the inhalation of wind-generated airborne dusts. These potentially complete exposure pathways are shown in the CSM for planned future Site conditions (Figure 7).

9.3 CHEMICALS AND EXPOSURE POINT CONCENTRATIONS

Table 8 presents the maximum detected concentrations and upper bound estimates of the mean concentrations for soil COPCs. The following sections briefly discuss the TPH, OCPs, and lead samples and results that were incorporated into the HHRE.

9.3.1 Metals

Consistent with the Tetra Tech SSI Sampling Plan (Tetra Tech 2022b), only lead was analyzed for in soil from near structures in the SSI, and for assessing the potential for LBP release of lead to soil. The analytical method was EPA method 6010B. The lead results range from 16.7 – 39.2 mg/kg (the maximum is the average of sample SS-35-0.0 and its duplicate – 35.9 mg/kg and 42.5 mg/kg). These results are lower than the DTSC residential soil lead screening level of 80 mg/kg (DTSC. 2022a) and indicate that no significant release of lead has occurred to soil near the on-Site structures. Therefore, lead is not selected as a COPC and was not evaluated further in the risk evaluation.

9.3.2 Pesticides

The OCP soil sample results are summarized in Table 5 for the 22 surface soil samples collected during the SSI. Soil samples were collected near structures in case OCP-containing termiticides may have been used and potentially released to soil.

To determine the presence of pesticides and ensure a health-protective assessment, soil samples collected at the Site were analyzed for OCPs using EPA method 8081A. The following 18 organochlorine pesticides were detected in soils at the Site:

- DDD;
- DDE;
- DDT;
- Chlordane (alpha);
- Chlordane (gamma);
- Chlordane (technical);
- Dieldrin;
- Endosulfan I;
- Endosulfan II;
- Endosulfan sulfate;
- Endrin;
- Endrin ketone;
- Heptachlor;
- Heptachlor epoxide;
- Hexachlorocyclohexane – alpha (also known as alpha-BHC);

- Hexachlorocyclohexane – beta (also known as beta-BHC);
- Hexachlorocyclohexane – delta (also known as delta-BHC); and
- Toxaphene.

All of the detected pesticides were selected as COPCs and evaluated. For chlordane, only the chlordane (technical) results were evaluated since these results included mixtures of chlordane isomers, and therefore would also include alpha-chlordane and gamma-chlordane. This was done so that chlordane isomers were not double counted in the risk evaluation.

9.3.3 Chemicals of Potential Concern Summary

All of the detected organic chemicals at the Site associated with the Phase II ESA and the SSI were selected as COPCs and are evaluated in this HHRE. Soil COPCs were identified at the Site as follows:

Soil

- **TPHg, TPHd, and TPHm**; and
- **Sixteen Organochlorine Pesticides** (DDD, DDE, DDT, chlordane (technical), dieldrin, endosulfan I, endosulfan II, endosulfan sulfate, endrin, endrin ketone, heptachlor, heptachlor epoxide, three hexachlorocyclohexane isomers [known as alpha-BHC, beta-BHC, and delta-BHC], and toxaphene.)

All 19 of the COPCs were included in the HHRE.

9.3.4 Exposure Point Concentrations

For this evaluation, the maximum detected concentration was used as the exposure point concentration (EPC) for a Maximum Estimated Risk Evaluation, which is in accordance with DTSC's PEA guidance (DTSC 2015b). A Reasonable Maximum Exposure (RME) Estimated Risk Evaluation was also conducted, and for these cancer risks and noncancer hazards for the hypothetical residential scenario were based on upper estimates of the mean concentrations. These were primarily either the 95% UCLs of the mean concentration, or if there were too few data to calculate meaningful statistics, the maximum detections. USEPA's ProUCL program, version 5.2 (U.S. EPA 2022b) was used to calculate 95% UCLs. In one case, ProUCL provided a 95% UCL calculation for the toxaphene dataset (0.4275 mg/kg) that was not applied as the RME EPC because the uncertainty in this statistic given that there were only three detections of 21 samples. Most of the detection limits of the toxaphene non-detects were quite low (i.e., 0.025 mg/kg), while the three detections were in a similar range (0.940, 1.0, and 2.0 mg/kg). Based on professional judgment, the average of the three detected results (1.313 mg/kg) was applied as the EPC for the RME Estimated Risk Evaluation.

Table 8 presents the Exposure Point Concentrations for both the Maximum Estimated Risk Evaluation and the RME Estimated Risk Evaluation. The ProUCL input and output files are provided in Appendix D.

9.4 RISK-BASED SCREENING LEVELS

For COPCs in soil, potential residential and school-based receptors could be exposed via ingestion, dermal contact, and inhalation of dusts. For this evaluation, soil screening levels were developed to be protective of potential exposures to COPCS in soil through these exposure pathways.

In accordance with the Human and Ecological Risk Office's (HERO's) HHRA Note 3 (DTSC 2022b), DTSC-modified soil screening levels and U.S. EPA RSLs for soil were used as the basis for developing soil screening levels protective of residential receptors potentially exposed via contact with soil. Chemical-specific residential soil screening values for the cancer endpoint or noncancer endpoint from Table 1 of DTSC (2022b) were applied as the Risk-Based Screening Levels (RBSLs) in the Maximum and RME Estimated Risk Evaluations for the organochlorine pesticide COPCs. These RBSLs represent first DTSC-modified screening levels if available, and otherwise U.S. EPA RSLs.

For TPH, the SFRWQCB ESLs for petroleum – gasoline, petroleum – diesel, and petroleum – motor oil was selected as the RBSLs for TPHg, TPHd, and TPHm, respectively (SFRWQCB 2019). While the SSI data for TPH were initially screened against the most conservative Tier 1 ESLs (100 mg/kg for TPHg, 260 mg/kg for TPHd, and 1,600 mg/kg for TPHm), only the Tier 1 ESL for TPHd is based on health risk and equivalent to the Soil Direct Exposure Human Health Risk Screening Level for petroleum – diesel (Table S-1 of SFRWQCB 2019). Therefore, 260 mg/kg was selected as the RBSL for TPHd.

The Tier 1 ESL for TPHg is based on a nuisance/odor endpoint, whereas the most conservative Soil Direct Exposure Human Health Risk Screening Level for petroleum – gasoline (that is, TPHg) is 430 mg/kg (Table S-1 of SFRWQCB 2019). Therefore, 430 mg/kg was selected as the RBSL for TPHg.

The Tier 1 ESL for TPHm is based on ecological receptor protection (soil terrestrial habitat screening level for protecting plants and soil organisms). The human health risk-based ESL for TPHm direct exposure is 12,000 mg/kg. However, this risk-based concentration exceeds the TPHm soil saturation limit of 5,100 mg/kg. In consistency with the ESL User Guide and Table S-4 of SFRWQCB 2019, the soil saturation limit (5,100 mg/kg) was selected as the RBSL for TPHm.

Target Risk Levels

For this evaluation, target risk levels were determined according to U.S. EPA and Cal/EPA guidance. U.S. EPA's 1990 guidance indicates that a carcinogenic risk probability between 1 in 1,000,000 and 1 in 10,000 (1×10^{-6} to 1×10^{-4}) are generally acceptable (U.S. EPA 1990). The lower end of the target risk range is typically applied to residential scenarios, whereas the higher range is typically considered appropriate for commercial/industrial situations. Thus, for this evaluation, soil screening levels were developed based on a target risk of 1×10^{-6} for residential receptors. For potential non-carcinogenic effects, indicates that non-carcinogenic chemicals should not be present at levels expected to cause adverse health effects. Therefore, for this evaluation, potential hazards for the hypothetical residential scenario receptors are evaluated based on a target hazard index (HI) of 1 summed for all COPCs with noncancer RBSLs. Individual chemical exposures that yield HIs of less than 1 is not expected to result in adverse non-cancer health effects (U.S. EPA 1989).

Soil RBSLs

For this evaluation, DTSC-modified soil screening levels (DTSC 2022b), U.S. EPA soil RSLs (U.S. EPA 2022a), or (for TPH) SFRWQCB risk-based ESLs (SFRWQCB 2019) protective of residential exposures were conservatively used to evaluate potential residential exposures to soil. The residential screening levels are conservative since they are based on exposure parameters that assume higher levels of exposure

than would be associated with a school site. For example, the exposure frequency and exposure time in a residential scenario are 350 days per year and 24 hours per day, respectively. For a school scenario, these factors are lower: the maximum exposure frequency and exposure time are 250 days per year and 10.3 hours per day, respectively.

9.5 RISK CHARACTERIZATION

Risks were characterized for potential residential and school-based student receptors using the ratio of concentrations measured at the Site to the RBSLs identified for soil. This evaluation consisted of three steps: (1) specifying the target risk and hazard quotient to use in calculating the RBSLs; (2) estimating EPCs for each environmental medium (i.e., the maximum detected concentration or the 95% upper confidence limit (95% UCL) of the arithmetic mean concentration; and (3) comparing the EPCs to the RBSLs to estimate risks and hazards for potential receptors, and (4) calculating estimated cumulative cancer risks and noncancer hazards from all COPCs. Each of these steps is described below.

9.5.1 Risk Estimation Procedures

The RBSLs were calculated for a specified target risk (i.e., a carcinogenic risk of 1 x 10^{-6} for residential receptors) and concentrations greater than the RBSLs represent carcinogenic risks proportionally greater than the target risk. Similarly, concentrations less than the RBSLs represent carcinogenic risks proportionally less than the target risk. Risks were calculated as follows, using the ratio of each COPC's EPC and its media specific RBSL:

Risk for hypothetical residential receptors:

$$Risk = \frac{\text{EPC}}{\text{carcinogenic RBSL}} \times 10^{-6}$$

Hazard quotient (HQ) for residential and school-based receptors:

$$HQ = \frac{\text{EPC}}{\text{non - cancer RBSL}}$$

In accordance with U.S. EPA and DTSC guidance, the risk and hazard ratios for each chemical and potentially complete exposure pathway were summed to determine the multi-pathway cumulative carcinogenic risk estimates and noncarcinogenic HI for potential receptors.

9.5.2 Cancer Risk and Hazard Estimates for Soil

Hypothetical Residential Scenario

Table 9 presents the Maximum Estimate Risk Evaluation based on the maximum detected results for COPCs detected in soil. The estimated cumulative cancer risk for hypothetical residential receptors exposed to maximum detections of COPCs in soil based on the residential soil RBSLs is 2 x 10^{-5}, which is within the middle of the U.S. EPA target risk range of 10^{-6} to 10^{-4} but exceeds the target risk level for residential receptors (1 x 10^{-6}). The maximum estimated non-carcinogenic HI is greater than 100, which is well above the target HI of 1.

Dieldrin and toxaphene contribute the greatest proportions to cumulative risk for the Maximum Estimate Risk Evaluation (1×10^{-5} and 4.4×10^{-6}, respectively). DDT and chlordane estimated risks also exceed the 10^{-6} risk target for maximum detections.

For the maximum estimated cumulative noncancer hazard, the overwhelming contributions are from the maximum detections of TPHd and TPHm (25,000 mg/kg and 74,000 mg/kg, respectively). The dataset for TPHd has seven of 54 samples that exceed the RBSL of 260 mg/kg. Three of these are exceptionally high (SS-24, SS-23, and SS-26 at 25,000 mg/kg, 14,000 mg/kg, and 8,100 mg/kg, respectively). The dataset for TPHm has four of 54 sample results that exceed the RBSL of 5,100 mg/kg. These are SS-28, SS-26, SS-25, and SS-29 with TPHm results of 74,000 mg/kg, 33,000 mg/kg, 27,000 mg/kg, and 25,000 mg/kg, respectively). All of these samples with elevated TPHd and TPHm are from the Phase II ESA and were the basis of recommendation for TPH delineation in the SSI.

Table 10 presents the RME Estimate Risk Evaluation, which is based on an upperbound estimate of the mean EPC. The estimated cumulative cancer risk for potential residential receptors exposed to maximum detections of COPCs in soil based on the residential soil RBSLs is 7×10^{-6}, which is on the lower end of the U.S. EPA target risk range of 10^{-6} to 10^{-4} but exceeds the target risk level for residential receptors (1×10^{-6}). The RME Estimated Risk Evaluation cumulative noncancer HI is 9, which still exceeds the target HI of 1.

The primary contributors to the RME estimated risk for residential receptors exposed to soil are toxaphene (41% for the RME Estimate Risk Evaluation at 2.9×10^{-6} risk contribution) and dieldrin (35% for the RME Risk Evaluation at 2.5×10^{-6} risk contribution), with similar 10^{-7} risk contributions of DDE, DDT, and chlordane. Toxaphene was detected in only 3 of 21 soil samples, and these results each exceeded the corresponding residential screening level of 0.45 mg/kg. Dieldrin was detected in 11 of 22 samples, with five results from three sampling locations (results ranging from 0.042 to 0.340 mg/kg) that exceeded the corresponding residential screening level of 0.034 mg/kg based on a 10^{-6} cancer risk.

As with the Maximum Estimated Risk Evaluation, TPHd and TPHm contribute most significantly to the RME Estimated Risk Evaluation cumulative HI (with HIs of 7 and 1, respectively).

9.5.3 Risk Characterization Summary

Middle school children and staff are the receptor groups most likely to be exposed to any chemicals potentially present at the Site, the South Parcel that is evaluated in the HHRE. The human health risk was evaluated assuming unrestricted residential land use (residential scenario), regardless of current and future uses.

The results of the risk characterization for the hypothetical residential scenario based on the maximum detected concentrations yielded cumulative estimated cancer risk of 2×10^{-5}, which is in the middle of the U.S. EPA risk range of 10^{-6} to 10^{-4} (Table 9). COPC-specific estimated risks for toxaphene, dieldrin, DDT, and chlordane levels detected in soil result in an estimated risk that exceed the residential target risk level (1×10^{-6}). The estimated cumulative risk for the RME Estimated Risk Evaluation is 7×10^{-6}, within the U.S. EPA risk range (Table 10). Only toxaphene and dieldrin exceed the residential target risk level of 1×10^{-6} (estimated risk 2.9×10^{-6} and 2.5×10^{-6} for toxaphene and dieldrin, respectively). It should be noted that actual exposure risks for students and teachers will be lower than those estimated by the hypothetical residential scenario.

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10.0 DATA VALIDATION RESULTS

The data validation memorandum for the SSI is provided in Appendix E.

10.1 INTRODUCTION

A typical SSI validation effort consists of a review of 10% of the analytical data; however, due to the limited number of analytical batches associated with the subject investigation, 100% of the data were reviewed. The validation guidance used in evaluating the data is presented in *USEPA National Functional Guidelines for Inorganic Data Review* (U.S. EPA 2014a) and *USEPA National Functional Guidelines for Organic Data Review* (U.S. EPA 2014b). The data review consisted of an evaluation of all applicable Quality Control (QC) sample results as they relate to the field data under review. Raw data were not reviewed. The review determines the usability of the data based on the Data Quality Objectives (DQOs) for the project.

The Eurofins/Calscience data were contained in two Sample Delivery Groups (SDGs) associated with the soil sampling at Rio Del Valle Middle School in 2022. The 2022 SDGs were 570-106769-1 and 570-106860-1.

The total data set consisted of environmental and QC samples analyses. This data set contained the following parameters and analytical methods:

- Organic Chlorinated Pesticides (OCPs) by EPA 8081A;
- Metals by EPA 6010B;
- TPHg by EPA 8015M;
- TPHd by EPA 8015M; and
- TPH by EPA 8015B, 8015B M with carbon ranges.

The samples were logged into the laboratory under compliant COC documentation with no unresolved exceptions noted. The samples were analyzed in one or two preparation batch per analytical method per SDG. All QC samples were reviewed and if the QC result caused the data to be qualified the reason for the qualification was identified.

The data showed the laboratory analyzed all samples in accordance with method guidelines. All data not qualified are of known precision and accuracy and can be used as stated. All data for this Rio Del Valle Middle School sampling event were usable for their intended purpose.

10.2 EVALUATION CRITERIA

The data were evaluated by results from the following quality control (QC) entities:

- Method/field blanks;
- Sample preservation;
- Laboratory control samples;
- Holding times;

- Surrogate recovery (organic methods);
- Spiked and field duplicate compliance;
- Compound identification;
- Analytical method compliance; and
- Case narrative review.

COC forms were reviewed, and no unresolved discrepancies were noted.

10.3 EVALUATION OF PRECISION, ACCURACY, REPRESENTATIVENESS, COMPARABILITY, AND COMPLETENESS (PARCC)

Precision is established by calculating the RPD values for matrix spike/matrix spike duplicate (MS/MSD) pairs and/or field duplicates. The RPD values calculated for the Rio Del Valle Middle School project show that greater than 95% of the RPD calculated were within control limits. Therefore, the precision for the projects meets the DQOs.

Accuracy is established by reviewing spiked sample analysis. A blank spike (LCS) measures the accuracy of the instrument and the LCS results for this data set were found to be within control limits for greater than 95% of the LCS results. Therefore, accuracy for the Rio Del Valle Middle School project meets the DQOs.

Representativeness is established by using standard field sampling techniques. Because the field sampling was conducted under approved work plans and by following established SOPs, the sampling is judged to have adequate representativeness. The DQOs were met.

Comparability of the data is preserved if the analytical analyses are conducted under approved and vetted EPA analytical methods. Because the EPA methods are constructed with comparability built into the methods, by using these approved analytical methods for the project, the data is comparable. The DQOs were met.

Completeness is measured by determining the amount of valid data produced by the laboratory as compared to the total possible data from the chain. This data set had rejected data and all samples were analyzed as per the chains. Therefore, the data completeness is 95% which is above the 90% criterion. The DQOs were met.

10.4 VALIDATION QUALIFIERS AND COMMENT DESCRIPTORS DEFINITIONS

Validation Qualifier	Definition
J-	Estimated. The associated numerical value is an estimated quantity with a negative bias. The analyte was detected but the reported value may not be accurate or precise. The data are usable as estimated values.
J+	Estimated. The associated numerical value is an estimated quantity with a positive bias. The analyte was detected but the reported value may not be accurate or precise. The data are usable as estimated values.

Validation Qualifier	Definition
J	Estimated. The associated numerical value is an estimated quantity. It is not possible to assess the direction of the potential bias. The analyte was detected but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data. The data are usable as estimated values.
R	Rejected. The data is unusable (the compound or analyte may or may not be present). Use of the "R" qualifier indicates a significant variance from functional guideline acceptance criteria. Either resampling or reanalysis is necessary to determine the presence or absence of the rejected analyte.
U	Not detected. Analyses were performed for the compound or analyte, but it was not detected. The "U" designation is also applied to suspected blank contamination. The "U" flag is used to qualify any result that is detected in an environmental sample and associated blank at less than the PQL. However, the data result is not censored by using the default PQL level.
UJ	Estimated/Not detected. Analyses were performed for the compound or analyte, but it was not detected, and the sample quantitation or detection limit is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate, or other spike recovery.

Comment Descriptor	Definition
a	The analyte was found in the method blank.
b	The surrogate spike recovery was outside control limits.
c	The Matrix Spike and/or Matrix Spike Duplicate recoveries were outside control limits.
d	The Laboratory Control Sample (LCS) recovery was outside control limits.
e	A holding time violation occurred.
f	The duplicate samples Relative Percent Difference (RPD) was outside the control limit.
h	The method requires a confirmation result, but none was performed.
k	The analyte was found in a field blank.
l	The second column confirmation result indicates the analyte was not confirmed.
p	The result was qualified based on professional judgment.
q	The analyte detection was below the Practical Quantitation Limit (PQL).
r	The result is above the instrument's calibration range.
t	The sample temperature was outside acceptance criteria.
n	The laboratory case narrative indicated a QC problem.

All data qualified are presented below under the QC entity where qualification occurred. Unless listed below, all other data may be used as stated. Data qualified for only being detected below the reporting level are excluded from being listed below.

10.5 SURROGATE RECOVERY

Surrogate recovery below 10% in sample SS-36-0.0 caused the OCP data result not detected to be rejected (R). The data are not usable for their intended purpose.

10.6 MATRIX SPIKE/MATRIX SPIKE DUPLICATE

The Matrix spike recovery below control limits qualified Endrin in sample SS-36-0.0 as rejected (R). The data are not usable.

10.7 CONCLUSIONS

All the Rio Del Valle Middle School data results not qualified were of known precision and accuracy and may be used as stated. The data that were qualified are usable as estimated or not detected values. Any rejected data are not usable.

The laboratory data packages were reviewed to determine if the project plan requirements were being followed. The laboratory applicable QC criteria stated were applied to the analytical methods used for the project. All QC protocols were being followed as prescribed.

Because the data met the DQOs and the PARCC indicators for the project the usability of the data meet the criteria for this project. All data are usable.

11.0 HEALTH AND SAFETY PLAN IMPLEMENTATION

Tetra Tech prepared a site-specific Health and Safety Plan (HASP) pursuant to Health and Safety Code 1910.120. The HASP is included in Appendix B of the Draft PEA (Tetra Tech 2018d). The plan:

- Identified and described potentially hazardous substances that may be encountered during field operations;
- Specified PPE and clothing for Site activities; and
- Outlined measures to be implemented in the event of an emergency.

Tetra Tech field personnel reviewed the HASP prior to commencing field work. Prior to initiation of field activities each day, a site safety briefing was conducted to identify potential physical and chemical hazards and outline measures to be taken in event of an emergency. All onsite personnel were required to sign the site safety briefing form.

During field activities, appropriate Level D PPE was worn by all personnel within the exclusion zone. Operator breathing zone PID readings were obtained on a regular basis as required by the HASP. All PID readings in the operator breathing zone during field activities were 0.0 ppm. Based on these measurements, an upgrade to Level C PPE was not required.

Potential hazards to public health and safety were minimal due to the nature of the sampling activities and the absence of detectable vapors in the exclusion zone. No incidents or emergency actions occurred during the field program.

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12.0 FIELD VARIANCES

The soil samples at locations SS-24-D1 and SS-24-D2 were not collected because they were located in an asphalt paved driveway.

There were no other field variances during the implementation of the RSSIFSP (Tetra Tech 2022b).

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13.0 PUBLIC PARTICIPATION

California Education Code (CEC) 17210.1(b) requires that residents in line-of-sight of the Site be notified, in writing, of the proposed field sampling. The residents nearest to the Site are located along west side of North Rose Avenue to the west of the Site. (Figure 1). The SSI sample locations are located approximately 400 feet east of residences on North Rose Avenue. A covered six-foot-high chain link fence surrounds the Site and prevents the visual examination of the Site by the residents in the neighborhoods surrounding the Site. Given the distance from the surrounding residential properties to the SSI sample locations, and that the Site is not within the line-of-site of the surrounding residential properties, public notification was not necessary for these residences and was not performed.

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14.0 CONCLUSIONS AND RECOMMENDATIONS

The lateral and vertical extent of TPHs in soils at the Site at concentrations exceeding Screening Levels was largely defined in the SSI sampling event and comprises approximately 592 ft^2 distributed between seven separate locations centered on sample locations SS-10, SS-23 through SS-26, SS-28, and SS-29 (Figure 6 and Table 7). The soil with TPH with at concentrations exceeding Screening Levels does not appear to extend to depths greater than 1.0-foot bgs, and collectively comprises a volume of approximately 22 CY (Table 7). Although the estimated extent of TPHd at concentrations exceeding the relevant screening levels was not defined to the south of sample location SS-23-D2 by soil sample data, based on field observations of soil conditions, it is estimated not to extend more than approximately 3 feet further to the south of sample location SS-23-D2.

The following OCPs were detected in the soils around the residential structures at concentrations exceeding their relevant screening levels in the SSI sampling event (Figure 5 and Table 5):

- 4,4'-DDT (DDT) was detected at concentrations exceeding the DTSC RSL of 1,900 micrograms per kilogram (µg/kg) in surface soil samples SS-35-0.0 (3,600 µg/kg) and DUP 6 (2,400 µg/kg);

- Chlordane (Technical) was detected at concentrations exceeding the DTSC RSL of 1,700 µg/kg in surface soil samples SS-30-0.0 (1,800 µg/kg), DUP 5 (2,100 µg/kg), and SS-32-0.0 (3,400 µg/kg);

- Dieldrin was detected at concentrations exceeding the DTSC RSL of 34 µg/kg in surface soil samples SS-31-0.0 (210 µg/kg), SS-35-0.0 (240 µg/kg), DUP 6 (180 µg/kg), SS-36-0.0 (35 µg/kg), SS-39-0.0 (150 µg/kg), and DUP 7 (190 µg/kg), and subsurface soil samples SS-31-2.0 (42 µg/kg), and SS-35-2.0 (340 µg/kg); and

- Toxaphene was detected at concentrations exceeding the DTSC RSL of 450 µg/kg in surface soil samples SS-35-0.0 (2,220 µg/kg), DUP 6 (1,800 µg/kg), SS-39-0.0 (780 µg/kg), and DUP 7 (1,100 µg/kg).

None of the other surface or subsurface soil samples analyzed for the SSI contained OCPs at concentrations above their relevant screening levels.

Step out soil samples would need to be collected to assess the extent of OCPs in soil at concentrations above relevant screening levels.

Lead was not detected at concentrations above the DTSC RSL of 80 mg/kg (Table 6) (DTSC 2020, Revised May 2022).

The results of the Phase II ESA and SSI risk characterization for the residential scenario based on the Maximum and RME Estimated Risk Evaluations indicate that toxaphene and dieldrin levels detected in soil result in estimated risk that exceeds the residential target risk level (1×10^{-6}). For the noncancer hazard assessment, both the Maximum and RME Estimated Risk Evaluations show cumulative HIs that exceed the target HI of 1. A small number of elevated TPHd and TPHm results from the Phase II ESA are the greatest contributors to the cumulative noncancer HIs.

Based on the results of the SSI HHRE, Tetra Tech recommends that additional step out sampling be performed to assess the lateral extent of OCPs in surface soil at concentrations above relevant screening levels be performed at sample locations SS-30, SS-31, SS-32, SS-35, SS-36, and SS-39, and the vertical

extent of dieldrin in subsurface soil at concentrations above relevant screening levels be performed at sample location SS-35.

Once the extent of OCPs at concentrations above relevant screening levels in soil is defined, a focused housekeeping soil removal action for the small areas of elevated OCPs and TPHd and TPHm should be performed based on meeting acceptable risk and noncancer hazard index targets with a revised RME Estimated Risk Evaluation for the South Parcel of Rio Del Valle Middle School Expansion Project.

15.0 CERTIFICATION

None of the work performed hereunder shall constitute or be represented as a legal opinion of any kind or nature but shall be a representation of findings of fact from records examined.

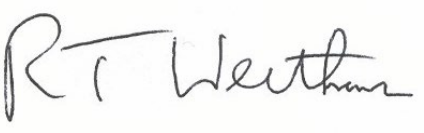
Respectfully submitted,

TETRA TECH, INC.



James R. Steele
Project Manager

California Registered Geologist 5963
Expiration Date May 31, 2023
California Certified Engineering Geologist 1906
Expiration Date May 31, 2023
California Certified Hydrogeologist 247
Expiration Date May 31, 2023



Randy T. Westhaus, P.E.
California Schools Director

California Registered
Mechanical Engineer 025171
Expiration Date September 30, 2023

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16.0 REFERENCES

American Society for Testing and Materials (ASTM)

2017a *Designation D 2487 - 90, Standard Test Method for Classification of Soils for Engineering Purposes.*

2017b *Designation D 2488 - 90, Standard Practice for Description and Identification of Soils (Visual-Manual Procedure).*

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2002 *Seismic Hazard Zone Report of the Oxnard 7.5-Minute Quadrangle, Ventura County California. Report 062*.

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2006 *Interim Guidance Evaluation of School Sites with Potential Contamination from Lead Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers.* June 6.

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2015a *Advisory – Active Soil Gas Investigations*. June.

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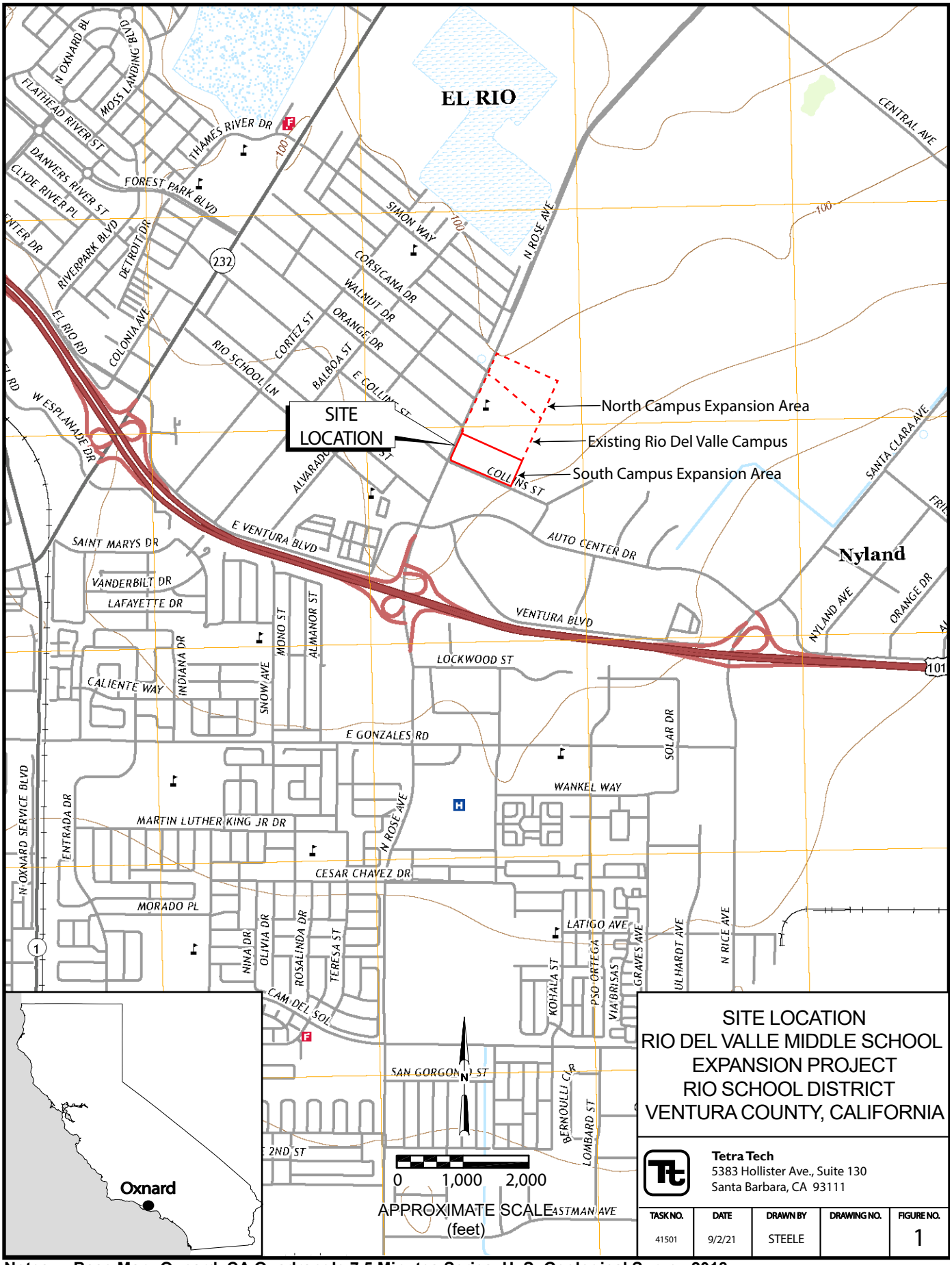
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FIGURES

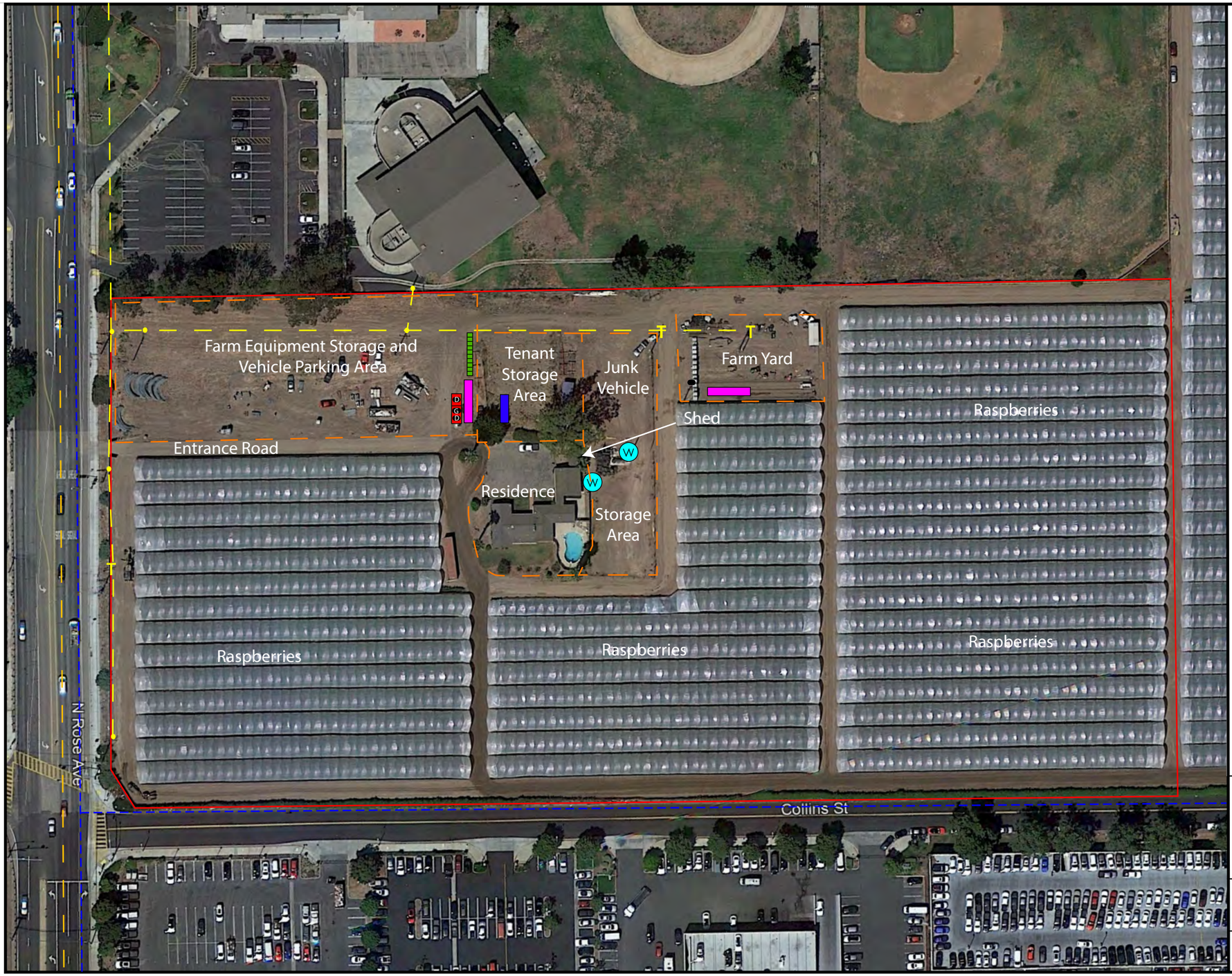


SITE LOCATION
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
RIO SCHOOL DISTRICT
VENTURA COUNTY, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	DRAWING NO.	FIGURE NO.
41501	9/2/21	STEELE		1

Notes: **Base Map: Oxnard, CA Quadrangle 7.5 Minutes Series, U. S. Geological Survey 2018**



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- Pole-Mounted Electrical Transformer
- KMS Industries, Inc. Water Well
- Reiter Brothers Storage Container
- Tenant Storage Container
- Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- 16-inch OD Steel Water Pipeline (City of Oxnard)
- 42-inch OD Steel Water Pipeline (United Water Conservation District)

0 50 100

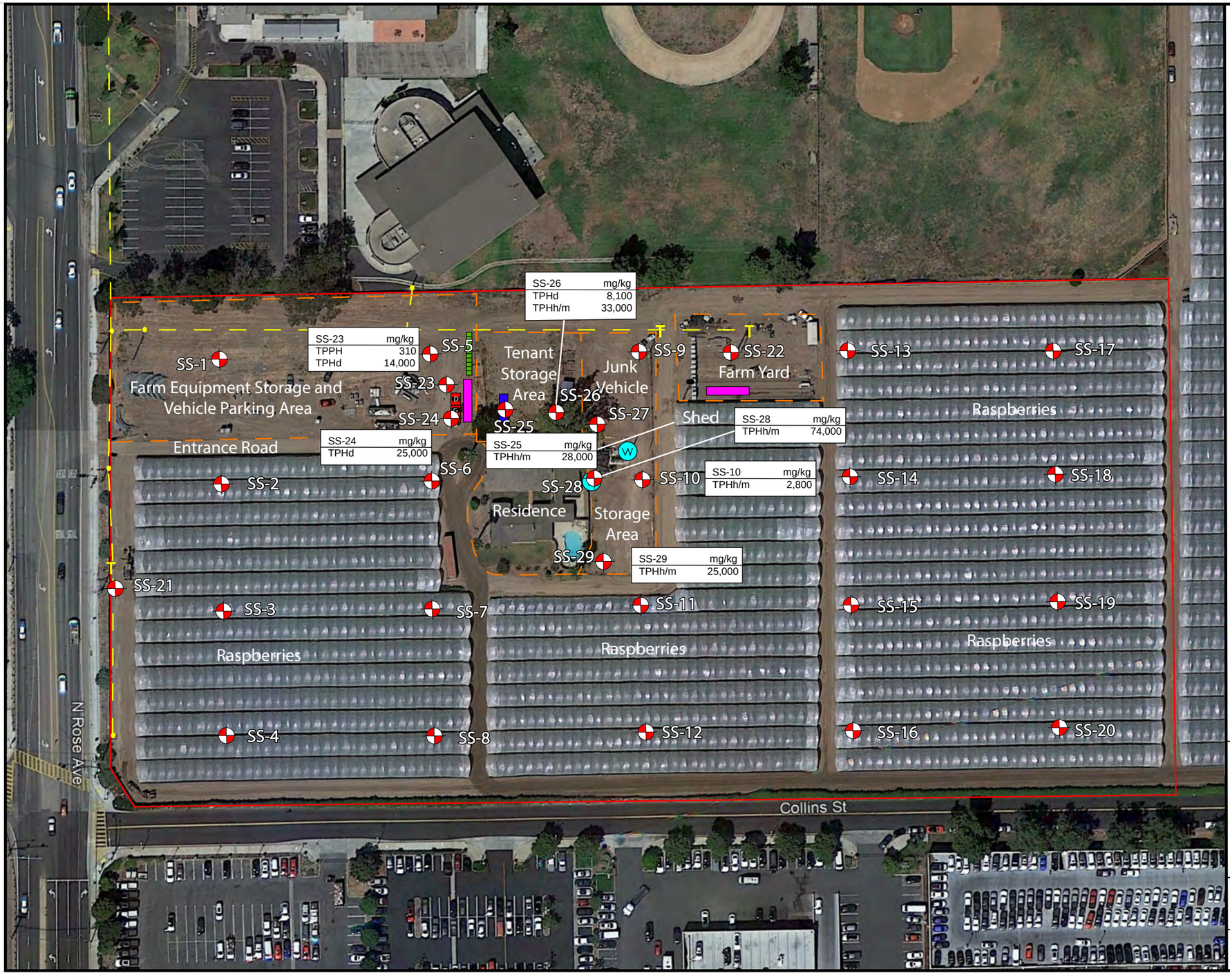
APPROXIMATE SCALE (feet)

SITE PLAN
2600 NORTH ROSE AVENUE
PHASE I ENVIRONMENTAL SITE ASSESSMENT
RIO SCHOOL DISTRICT
VENTURA COUNTY, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/7/21	STEELE	2

Base Map: Google Earth Image Dated 8/19/19.



LEGEND

- Site Boundary
- Pole-Mounted Electrical Power Lines
- T — Pole-Mounted Electrical Transformer
- W — KMS Industries, Inc. Water Well
- Reiter Brothers Storage Container
- Tenant Storage Container
- Above Ground Fuel Storage Tanks (G = Gasoline, D = Diesel)
- Reiter Brothers Agricultural Amendment Totes
- SS-1 — Surface Soil Sample Location
- mg/kg — Milligrams per Kilogram
- TPPH — Total Purgeable Petroleum Hydrocarbons (C4-C14)
- TPHd — Diesel Total Petroleum Hydrocarbons (C12-C24)
- TPHh/m — Hydraulic Oil/Motor Oil Total Petroleum Hydrocarbons (C25-C32)

0 50 100

APPROXIMATE SCALE (feet)

PHASE II ESA
TPH SOIL SAMPLE RESULTS ABOVE SCREENING LEVELS
RIO DEL VALLE MIDDLE SCHOOL EXPANSION PROJECT
RIO SCHOOL DISTRICT
VENTURA COUNTY, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/1/22	STEELE	3

Base Map: Google Earth Image Dated 8/19/19.



LEGEND

Soil Sample Location

0 20 40

APPROXIMATE SCALE
(feet)

SUPPLEMENTAL
SITE INVESTIGATION SAMPLING PLAN
RIO SCHOOL DISTRICT
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
2600 NORTH ROSE AVENUE
VENTURA COUNTY, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/1/22	STEELE	4

Base Map: Google Earth Image Dated 8/19/2019.



LEGEND

Soil Sample Location

mg/kg Milligrams per Kilogram

µg/kg Micrograms per Kilogram

TPPH Total Purgeable Petroleum Hydrocarbons (C4-C14)

TPHd Diesel Total Petroleum Hydrocarbons (C12-C24)

TPHh/m Hydraulic Oil/Motor Oil Total Petroleum Hydrocarbons (C25-C32)

0 20 40

APPROXIMATE SCALE (feet)

SAMPLE RESULTS ABOVE SCREENING LEVELS
SUPPLEMENTAL SITE INVESTIGATION
RIO SCHOOL DISTRICT
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
2600 NORTH ROSE AVENUE
VENTURA COUNTY, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/1/22	STEELE	5

Base Map: Google Earth Image Dated 8/19/2019.



LEGEND

- Soil Sample Location
- Estimated Extent of TPH in Soil at Concentrations Above Screening Levels

0 20 40

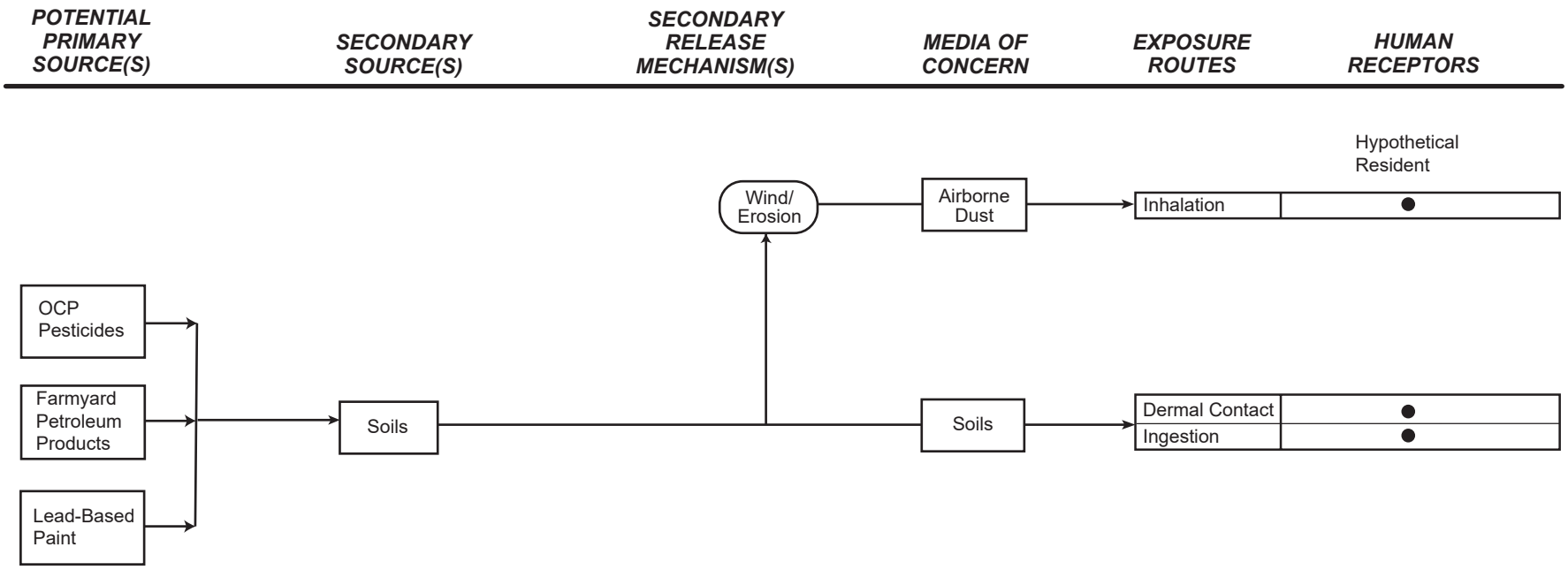
APPROXIMATE SCALE
(feet)

ESTIMATED EXTENT OF TPH IN SOIL AT CONCETRATIONS ABOVE SCREENING LEVELS
RIO SCHOOL DISTRICT
RIO DEL VALLE MIDDLE SCHOOL
EXPANSION PROJECT
2600 NORTH ROSE AVENUE
VENTURA COUNTY, CALIFORNIA

Tetra Tech
5383 Hollister Ave., Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/21/22	STEELE	6

Base Map: Google Earth Image Dated 8/19/2019.



● Potentially complete exposure route.

1 Hypothetical Residents are assumed to be exposed via inhalation of airborne dust, ingestion of soil, and dermal contact with soil indoors and outdoors.

→ Potentially complete exposure pathway

CONCEPTUAL SITE MODEL FOR
HUMAN RECEPTORS
SCHOOL SITE EXPOSURE SCENARIO
RIO DEL VALLE MIDDLE SCHOOL
VENTURA COUNTY, CALIFORNIA

Tetra Tech, Inc.
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111

TASK NO.	DATE	DRAWN BY	FIGURE NO.
41501	9/218/22	Steele	7

TABLES

Table 1
Phase II ESA Total Petroleum Hydrocarbons by EPA Method 8015M and Total Purgeable Petroleum Hydrocarbons by LUFT GC/MS
2600 North Rose Avenue
Ventura County, California
(milligrams per kilogram)

Location ID		**SS-1**	**SS-3**	**SS-5**	**SS-5**	**SS-7**	**SS-10**	**SS-12**	**SS-13**	**SS-15**	**SS-17**
Sample ID		**SS-1**	**SS-3**	**SS-5**	**Dup 1**	**SS-7**	**SS-10**	**SS-12**	**SS-13**	**SS-15**	**SS-17**
Colletion Date		**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**
Colletion Depth (feet bgs)		**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0-0.5**	**0-0.5**
Constituent[a]	ESL	Result[b,c]	Result	Result[c]	Result[b,c]	Result[c]	Result[c,d]	Result[c]	Result[c]	Result[c]	Result[c]
TPPH (C4-C14)	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TPHd (C12-C24)	260	**20**	ND<2.2	ND<2.2	**48[J]**	ND<2.2	ND<300	ND<2.2	ND<2.2	ND<2.2	ND<2.2
TPHh/m (C25-C32)	1,600	**140**	ND>7.0	**140**	**220**	**26**	**2,800**	**21**	**19[J]**	**57**	**20**

Location ID		**SS-19**	**SS-23**	**SS-23**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Sample ID		**SS-19**	**SS-23**	**Dup 3**	**SS-24**	**SS-25**	**SS-26**	**SS-27**	**SS-28**	**SS-29**
Colletion Date		**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**	**6/18/2021**
Colletion Depth (feet bgs)		**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Constituent[a]	ESL	Result[c]	Result[b,d]	Result[b,c]	Result[b,d]	Result[c,d]	Result[b,c,d]	Result[b,c]	Result[c,d]	Result[c,d]
TPPH (C4-C14)	100	NA	**310**	**8.9**	**6.6**	**0.25**	**0.27**	**0.11**	**0.36**	**0.21**
TPHd (C12-C24)	260	ND<2.2	**14,000**	**62**	**25,000**	ND<220	**8,100**	20	ND<1,200	ND<1,000
TPHh/m (C25-C32)	1,600	**10[J]**	ND>700	**280**	ND>2,100	**27,000**	**33,000**	**71**	**74,000**	**25,000**

Notes:

The analytical results in **black bold face font** are detected at a concentration exceeding their laboratory MDL but are less than their ESL.

The analytical results in **red bold face font** are detected at a concentration equal to or greater than their ESL.

a - All sample results are listed.

b - Chromatogram not typical of diesel.

bgs - below ground surface

c - Chromatogram not typical of motor oil.

d - Detection and quantitation limits raised due to sample dilution.

ESL - Tier 1 Environmental Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 2019).

J - Results is less than the laboratory PQL but greater than or equal to the MDL and the concentration is an approximate value.

MDL- Laboratory method detection limit.

NA - not analyzed

ND<X - Indicates constituent(s) not detected at or above method detection limit (X).

PQL - Laboratory practical quantitation limit.

TPHd- Diesel Range (C12-C24 Carbon Range) Total Petroleum Hydrocarbons.by EPA Method 8015M.

TPHh/m - Hydraulic Oil/Motor Oil (C25-C32 Carbon Range) Total Petroleum Hydrocarbons by EPA Method 8015M.

TPPH - Total Purgeable Petroleum Hydrocarbons (C4-C14 Carbon Range) by LUFT Gas Chromatograph/Mass Spectrometer (GC/MS) Method.

Table 2
Soil Sampling Schedule
Supplemental Site Investigation
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Sample Location	Sample ID	Sample Depth (feet bgs)	Matrix	Soil Sample Analyses				Comments
				OCPs EPA 8081A	Lead EPA 6010B	TPHg EPA 8015M	TPHd/m EPA 8015M	
SS-10	SS-10-1.0	1.0-1.5	Soil			X	X	
SS-10	**DUP 1**	1.0-1.5	Soil			X	X	
SS-10-A1	SS-10-A1-0.0	0.0-0.5	Soil			X	X	
SS-10-A1	SS-10-A1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-10-A1-0.0, and if directed by Tetra Tech.
SS-10-A2	SS-10-A2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-10-A1-0.0, and if directed by Tetra Tech.
SS-10-B1	SS-10-B1-0.0	0.0-0.5	Soil			X	X	
SS-10-B1	SS-10-B1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-10-B1-0.0, and if directed by Tetra Tech.
SS-10-B2	SS-10-B2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-10-B1-0.0, and if directed by Tetra Tech.
SS-10-C1	SS-10-C1-0.0	0.0-0.5	Soil			X	X	
SS-10-C1	SS-10-C-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-10-C1-0.0, and if directed by Tetra Tech.
SS-10-C2	SS-10-C2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-10-C1-0.0, and if directed by Tetra Tech.
SS-10-D1	SS-10-D1-0.0	0.0-0.5	Soil			X	X	
SS-10-D1	SS-10-D1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-10-D1-0.0, and if directed by Tetra Tech.
SS-10-D2	SS-10-D2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-10-D1-0.0, and if directed by Tetra Tech.
SS-23	SS-23-1.0	1.0-1.5	Soil			X	X	
SS-23-A1	SS-23-A1-0.0	0.0-0.5	Soil			X	X	
SS-23-A1	SS-23-A1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-A1-0.0 and if directed to by Tetra Tech.
SS-23-A2	SS-23-A2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-A1-0.0 and if directed to by Tetra Tech.
SS-23-B1	SS-23-B1-0.0	0.0-0.5	Soil			X	X	
SS-23-B1	SS-23-B1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-B1-0.0, and if directed by Tetra Tech.
SS-23-B2	SS-23-B2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-B1-0.0, and if directed by Tetra Tech.
SS-23-C1	SS-23-C1-0.0	0.0-0.5	Soil			X	X	
SS-23-C1	SS-23-C1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-C1-0.0, and if directed by Tetra Tech.
SS-23-C2	SS-23-C2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-C1-0.0, and if directed by Tetra Tech.
SS-23-D1	SS-23-D1-0.0	0.0-0.5	Soil			X	X	
SS-23-D1	SS-23-D1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-D1-0.0, and if directed by Tetra Tech.
SS-23-D2	SS-23-D2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-23-D1-0.0, and if directed by Tetra Tech.
SS-24	SS-24-1.0	1.0-1.5	Soil			X	X	
SS-24-A1	SS-24-A1-0.0	0.0-0.5	Soil			X	X	
SS-24-A1	SS-24-A1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-A1-0.0, and if directed by Tetra Tech.
SS-24-A2	SS-24-A2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-A1-0.0, and if directed by Tetra Tech.
SS-24-B1	SS-24-B1-0.0	0.0-0.5	Soil			X	X	
SS-24-B1	**DUP 2**	0.0-0.5	Soil			X	X	
SS-24-B1	SS-24-B1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-B1-0.0, and if directed by Tetra Tech.
SS-24-B2	SS-24-B2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-B1-0.0, and if directed by Tetra Tech.
SS-24-C1	SS-24-C1-0.0	0.0-0.5	Soil			X	X	
SS-24-C1	SS-24-C1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-C1-0.0, and if directed by Tetra Tech.
SS-24-C12	SS-24-C2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-24-C1-0.0, and if directed by Tetra Tech.
SS-24-D1	SS-24-D1-0.0	0.0-0.5	Soil			X	X	Sample location in asphalt paved driveway. Sample not collected.
SS-24-D1	SS-24-D1-1.0	1.0-1.5	Soil			X	X	Sample location in asphalt paved driveway. Sample not collected.
SS-24-D2	SS-24-D2-0.0	0.0-0.5	Soil			X	X	Sample location in asphalt paved driveway. Sample not collected.

Table 2
Soil Sampling Schedule
Supplemental Site Investigation
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Sample Location	Sample ID	Sample Depth (feet bgs)	Matrix	Soil Sample Analyses				Comments
				OCPs EPA 8081A	Lead EPA 6010B	TPHg EPA 8015M	TPHd/m EPA 8015M	
SS-25	SS-25-1.0	1.0-1.5	Soil			X	X	
SS-25-A1	SS-25-A1-0.0	0.0-0.5	Soil			X	X	
SS-25-A1	SS-25-A1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-A1-0.0, and if directed by Tetra Tech.
SS-25-A2	SS-25-A2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-A1-0.0, and if directed by Tetra Tech.
SS-25-B1	SS-25-B1-0.0	0.0-0.5	Soil			X	X	
SS-25-B1	SS-25-B1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-A1-0.0, and if directed by Tetra Tech.
SS-25-B12	SS-25-B2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-B1-0.0, and if directed by Tetra Tech.
SS-25-C1	SS-25-C1-0.0	0.0-0.5	Soil			X	X	
SS-25-C1	SS-25-C1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-C1-0.0, and if directed by Tetra Tech.
SS-25-C2	SS-25-C2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-C1-0.0, and if directed by Tetra Tech.
SS-25-D1	SS-25-D1-0.0	0.0-0.5	Soil			X	X	
SS-25-D1	SS-25-D1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-D1-0.0, and if directed by Tetra Tech.
SS-25-D2	SS-25-D2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-25-D1-0.0, and if directed by Tetra Tech.
SS-26	SS-26-1.0	1.0-1.5	Soil			X	X	
SS-26	**DUP 3**	1.0-1.5	Soil			X	X	
SS-26-A1	SS-26-A1-0.0	0.0-0.5	Soil			X	X	
SS-26-A1	SS-26-A1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-A1-0.0, and if directed by Tetra Tech.
SS-26-A2	SS-26-A2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-A1-0.0, and if directed by Tetra Tech.
SS-26-B1	SS-26-B1-0.0	0.0-0.5	Soil			X	X	
SS-26-B1	SS-26-B1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-B1-0.0, and if directed by Tetra Tech.
SS-26-B2	SS-26-B2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-B1-0.0, and if directed by Tetra Tech.
SS-26-C1	SS-26-C1-0.0	0.0-0.5	Soil			X	X	
SS-26-C1	SS-26-C1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-C1-0.0, and if directed by Tetra Tech.
SS-26-C2	SS-26-C2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-C1-0.0, and if directed by Tetra Tech.
SS-26-D1	SS-26-D1-0.0	0.0-0.5	Soil			X	X	
SS-26-D1	SS-26-D1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-D1-0.0, and if directed by Tetra Tech.
SS-26-D2	SS-26-D2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-26-D1-0.0, and if directed by Tetra Tech.
SS-28	SS-28-1.0	1.0-1.5	Soil			X	X	
SS-28-A1	SS-28-A1-0.0	0.0-0.5	Soil			X	X	
SS-28-A1	SS-28-A1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-A1-0.0, and if directed by Tetra Tech.
SS-28-A2	SS-28-A2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-A1-0.0, and if directed by Tetra Tech.
SS-28-B1	SS-28-B1-0.0	0.0-0.5	Soil			X	X	
SS-28-B1	SS-28-B1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-B1-0.0, and if directed by Tetra Tech.
SS-28-B2	SS-28-B2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-B1-0.0, and if directed by Tetra Tech.
SS-28-C1	SS-28-C1-0.0	0.0-0.5	Soil			X	X	
SS-28-C1	SS-28-C1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-C1-0.0, and if directed by Tetra Tech.
SS-28-C2	SS-28-C2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-28-C1-0.0, and if directed by Tetra Tech.
SS-29	SS-29-1.0	1.0-1.5	Soil			X	X	
SS-29-A1	SS-29-A1-0.0	0.0-0.5	Soil			X	X	
SS-29-A1	SS-29-A1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-A1-0.0, and if directed by Tetra Tech.
SS-29-A2	SS-29-A2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-A1-0.0, and if directed by Tetra Tech.

Table 2
Soil Sampling Schedule
Supplemental Site Investigation
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Sample Location	Sample ID	Sample Depth (feet bgs)	Matrix	Soil Sample Analyses				Comments
				OCPs EPA 8081A	Lead EPA 6010B	TPHg EPA 8015M	TPHd/m EPA 8015M	
SS-29-B1	SS-29-B1-0.0	0.0-0.5	Soil			X	X	
SS-29-B1	**DUP 4**	0.0-0.5	Soil			X	X	
SS-29-B1	SS-29-B1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-B1-0.0, and if directed by Tetra Tech.
SS-29-B2	SS-29-B2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-B1-0.0, and if directed by Tetra Tech.
SS-29-C1	SS-29-C1-0.0	0.0-0.5	Soil			X	X	
SS-29-C1	SS-29-C1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-C1-0.0, and if directed by Tetra Tech.
SS-29-C2	SS-29-C12-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-C1-0.0, and if directed by Tetra Tech.
SS-29-D1	SS-29-D1-0.0	0.0-0.5	Soil			X	X	
SS-29-D1	SS-29-D1-1.0	1.0-1.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-D1-0.0, and if directed by Tetra Tech.
SS-29-D2	SS-29-D2-0.0	0.0-0.5	Soil			X	X	Laboratory will hold sample and analyze only if TPHd, TPHh/m, or TPHg are detected in soil sample SS-29-D1-0.0, and if directed by Tetra Tech.
SS-30	SS-30-0.0	0.0-0.5	Soil	X	X			
SS-30	**DUP 5**	0.0-0.5	Soil	X	X			
SS-30	SS-30-2.0	2.0-2.5	Soil	X				
SS-31	SS-31-0.0	0.0-0.5	Soil	X	X			
SS-31	SS-31-2.0	2.0-2.5	Soil	X				
SS-32	SS-32-0.0	0.0-0.5	Soil	X	X			
SS-32	SS-32-2.0	2.0-2.5	Soil	X				
SS-33	SS-33-0.0	0.0-0.5	Soil	X	X			
SS-33	SS-33-2.0	2.0-2.5	Soil	X				
SS-34	SS-34-0.0	0.0-0.5	Soil	X	X			
SS-34-	SS-34-2.0	2.0-2.5	Soil	X				
SS-35	SS-35-0.0	0.0-0.5	Soil	X	X			
SS-35	**DUP 6**	0.0-0.5	Soil	X	X			
SS-35	SS-35-2.0	2.0-2.5	Soil	X				
SS-36	SS-36-0.0	0.0-0.5	Soil	X	X			
SS-36	SS-36-2.0	2.0-2.5	Soil	X				
SS-37	SS-37-0.0	0.0-0.5	Soil	X	X			
SS-37	SS-37-2.0	2.0-2.5	Soil	X				
SS-38	SS-38-0.0	0.0-0.5	Soil	X	X			
SS-38	SS-38-2.0	2.0-2.5	Soil	X				
SS-39	SS-39-0.0	0.0-0.5	Soil	X	X			
SS-39	**DUP 7**	0.0-0.5	Soil	X				
SS-39	SS-39-2.0	2.0-2.5	Soil	X				
SS-40	SS-40-0.0	0.0-0.5	Soil	X	X			
SS-40	SS-40-2.0	2.0-2.5	Soil	X				
Total Discrete Samples				22	11	34-88[a]	34-88[a]	
Total Duplicate Samples				3	2	4-10[b]	4-10[b]	
Total Samples				25	13	38-98[a, b]	38-98[a, b]	

Table 2
Soil Sampling Schedule
Supplemental Site Investigation
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Notes:

- Yellow highlighted samples (Sample Set 1) were submitted for analysis immediately on arrival a the laboratory. Unhighlighted samples (Sample Set 2) were held by the laboratory pending analytical results of the Sample Set 1.

a - The total number of discrete soil samples that are analyzed for TPHg and TPHd/m will depend on the number of the tentative surface and subsurface soils that require analysis as described in the Notes column.

A minimum of 34 and a maximum of 88 discrete soil samples will be analyzed for TPHg and TPHd/m.

b - The total number of duplicate soil samples that are analyzed for TPHg and TPHd/m will depend on the number of the tentative surface and subsurface soils that require analysis as described in the Notes column.

A minimum of 4 and a maximum of 10 duplicate soil samples will be analyzed for TPHg and TPHd/m.

EPA - U.S. Environmental Protection Agency

OCPs - organochlorine pesticides

TPHg - Gasoline range total petroleum hydrocarbons C4-C12.

TPHd/m - Diesel range total petroleum hydrocarbons/motor oil range total petroleum hydrocarbons C10-C28/C17-C44.

Table 3
Analytical Methods, Detection Limits, and Screening Levels for Soil Samples
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

ANALYTE	DL	LOQ	UNITS	Residential Soil Screening Level			UNITS
				Cancer	Noncancer	Note	
Total Petroleum Hydrocarbons by Modified EPA 8015B							
TPH as Gasoline (C_4 to C_{14})	0.049-0.067	0.087-0.12	mg/Kg	NA	100	1	mg/Kg
TPH as Diesel (C_{12} to C_{24})	2.8-3.8	4.8-5.0	mg/Kg	NA	260	1	mg/Kg
TPH as Hydraulic Oil/Motor Oil (C_{25}-C_{32})	11.0	24-25	mg/Kg	NA	1,600	1	mg/Kg
TTLC Metals by Method 6010B							
Lead	0.405-0.413	1.98-2.02	mg/Kg	NA	80	3	mg/Kg
Organochlorine Pesticide Compounds by EPA 8081A							
Aldrin	1.6	4.9-5.0	µg/Kg	39	2,300	3	µg/Kg
Alpha-Chlordane	0.55-0.56	4.9-5.0	µg/Kg	NA	36,000	2	µg/Kg
Chlordane (Technical)	4.0-4.1	25.0	µg/Kg	1,700	35,000	3	µg/Kg
Gama-Chlordane	3.3-3.4	4.9-5.0	µg/Kg	NA	36,000	2	µg/Kg
4,4'-DDD (DDD)	0.70-0.72	4.9-5.0	µg/Kg	2,300	1,900	3	µg/Kg
4,4'-DDE (DDE)	0.68-0.69	4.9-5.0	µg/Kg	2,000	23,000	3	µg/Kg
4,4'-DDT (DDT)	1.20000	4.9-5.0	µg/Kg	1,900	37,000	3	µg/Kg
Dieldrin	0.54-0.55	4.9-5.0	µg/Kg	34	3,200	3	µg/Kg
Endosulfan I	0.0-1.1	4.9-5.0	µg/Kg	NA	450,000	3	µg/Kg
Endosulfan II	0.54-0.55	4.9-5.0	µg/Kg	NA	450,000	3	µg/Kg
Endosulfan sulfate	0.62-063	4.9-5.0	µg/Kg	NA	380,000	3	µg/Kg
Endrin	0.66-0.67	4.9-5.0	µg/Kg	NA	19,000	3	µg/Kg
Endrin aldehyde	3.2-3.2	4.9-5.0	µg/Kg	NA	NA		µg/Kg
Heptachlor	0.59-0.60	4.9-5.0	µg/Kg	130	38,000	3	µg/Kg
Heptachlor epoxide	0.53-0.54	4.9-5.0	µg/Kg	70	990	3	µg/Kg
alpha-Hexachlorocyclohexane (Alpha-BHC)	0.58-0.59	4.9-5.0	µg/Kg	86	510,000	3	µg/Kg
Beta- Hexachlorocyclohexane (Betta-BHC)	0.88-0.90	4.9-5.0	µg/Kg	300	NA	3	µg/Kg
Delta- Hexachlorocyclohexane (Delta-BHC)	0.91-0.93	4.9-5.0	µg/Kg	140	NA	2	µg/Kg
gamma- Hexachlorocyclohexane (Gamma-BHC, Lindane)	0.50-0.51	4.9-5.0	µg/Kg	570	21	3	µg/Kg
Methoxychlor	1.2	4.9-5.0	µg/Kg	NA	320	2	µg/Kg
Toxaphene	15	25.0	µg/Kg	450	5,700	3	µg/Kg

Notes:

1 - Residential Soil Screening Levels are from Tier 1 Environmental Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 2019

2 - Residential Soil Screening Level is the U.S. EPA Soil RSLs (U.S.EPA 2022a) as recommended by DTSC HHRA Note 3 (DTSC 2022b).

3 - Residential Soil Screening Level is the DTSC-Modified Soil Screening Level from Table 1 of DTSC HHRA Note 3 (DTSC 2022b).

EPA - U.S. Environmental Protection Agency

DL - detection limit

LOQ - limit of quantitation

µg/kg - micrograms per kilogram

mg/kg - milligrams per kilogram

NA - not applicable

Table 4
Total Petroleum Hydrocarbons by EPA Method SW8015B
Supplemental Site Investigation
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California
(mg/kg)

Location ID		**SS-10**	**SS-10**	**SS-10-A1**	**SS-10-B1**	**SS-10-C1**	**SS-10-D1**	**SS-23**	**SS-23-A1**	**SS-23-B1**	**SS-23-C1**	**SS-23-D1**
Sample ID		**SS-10-1.0**	**DUP 1**	**SS-10-A1-0.0**	**SS-10-B1-0.0**	**SS-10-C1-0.0**	**SS-10-D1-0.0**	**SS-23-1.0**	**SS-23-A1-0.0**	**SS-23-B1-0.0**	**SS-23-C1-0.0**	**SS-23-D1-0.0**
Sample Date		**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**
Sample Depth feet bgs		**1.0-1.5**	**1.0-1.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**	**1.0-1.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**
Constituent	ESL	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
TPHg (C5-C12)	100	ND<0.094	ND<0.11	ND<0.091	ND<0.087	ND<0.094	ND<0.093	ND<0.11	ND<0.088	ND<0.095	**0.064[J]**	ND<0.093
TPHd (C13-C22)	260	**16**	**6.3**	**19**	**20**	**17**	**19**	**4.1[J]**	**100**	**110**	**59**	**920**
TPHm (C23-C40)	1,600	**18**	ND<25	**29**	**29**	**23[J]**	**24[J]**	ND<24	**150**	**160**	**120**	**860**

Location ID		**SS-23-D1**	**SS-23-D2**	**SS-24**	**SS-24-A1**	**SS-24-B1**	**SS-24-B1**	**SS-24-C1**	**SS-25**	**SS-25-A1**	**SS-25-B1**	**SS-25-C1**
Sample ID		**SS-23-D1-1.0**	**SS-23-D2-0.0**	**SS-24-1.0**	**SS-23-A1-0.0**	**SS-24-B1-0.0**	**DUP 2**	**SS-24-C1-0.0**	**SS-25-1.0**	**SS-25-A1-0.0**	**SS-25-B1-0.0**	**SS-25-C1-0.0**
Sample Date		**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**
Sample Depth feet bgs		**1.0-1.5**	**0.0-0.5**	**1.0-1.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**	**1.0-1.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**
Constituent	ESL	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
TPHg (C5-C12)	100	ND<0.099	**0.30**	ND<0.10	ND<0.10	**0.073[J]**	ND<0.094	**0.087[J]**	**0.092[J]**	**0.24**	**0.094[J]**	**0.16**
TPHd (C13-C22)	260	**13**	**1,600**	ND<4.9	**48**	**28**	**24**	**33**	**32**	**34**	**36**	**33**
TPHm (C23-C40)	1,600	**19[J]**	**1,500**	ND<25	**100**	**44**	**87**	**74**	**60**	**64**	**80**	**80**

Location ID		**SS-25-D1**	**SS-26**	**SS-26**	**SS-26-A1**	**SS-26-B1**	**SS-26-B1**	**SS-26-B2**	**SS-26-C1**	**SS-26-D1**	**SS-28**	**SS-28-A1**
Sample ID		**SS-25-D1-0.0**	**SS-26-1.0**	**DUP 3**	**SS-26-A1-0.0**	**SS-26-B1-0.0**	**SS-26-B1-1.0**	**SS-26-B2-0.0**	**SS-26-C1-0.0**	**SS-26-D1-0.0**	**SS-28-1.0**	**SS-28-A1-0.0**
Sample Date		**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**
Sample Depth feet bgs		**0.0-0.5**	**1.0-1.5**	**1.0-1.5**	**0.0-0.5**	**0.0-0.5**	**1.0-1.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**	**1.0-1.5**	**0.0-0.5**
Constituent	ESL	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
TPHg (C5-C12)	100	**0.11**	ND<0.094	ND<0.10	**0.077[J]**	**0.21**	ND<0.10	**0.11[J]**	**0.15**	**0.082[J]**	ND<0.10	ND<0.10
TPHd (C13-C22)	260	**22**	**13**	**4.2[J]**	**27**	**380**	**5.4**	**81**	**200**	**71**	**5.7**	**12**
TPHm (C23-C40)	1,600	**47**	**19[J]**	ND<25	**38**	**400**	ND<25	**190**	**190**	**88**	ND<24	**15[J]**

Location ID		**SS-28-C1**	**SS-28-D1**	**SS-29**	**SS-29-A1**	**SS-29-B1**	**SS-29-B1**	**SS-29-C1**	**SS-29-D1**
Sample ID		**SS-28-C1-0.0**	**SS-28-D1-0.0**	**SS-29-1.0**	**SS-29-A1-0.0**	**SS-29-B1-0.0**	**DUP 4**	**SS-29-C1-0.0**	**SS-29-D1-0.0**
Sample Date		**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**	**8/16/2022**
Sample Depth feet bgs		**0.0-0.5**	**0.0-0.5**	**1.0-1.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**	**0.0-0.5**
Constituent	ESL	Result	Result	Result	Result	Result	Result	Result	Result
TPHg (C5-C12)	100	**0.086[J]**	ND<0.12	**0.085[J]**	ND<0.089	ND<0.091	ND<0.091	ND<0.090	**0.055[J]**
TPHd (C13-C22)	260	**21**	**30**	**10**	**26**	**13**	**12**	**11**	**15**
TPHm (C23-C40)	1,600	**29**	**42**	ND<25	**32**	**18[J]**	**15[J]**	**14[J]**	**23[J]**

Notes:

The analytical results in **black bold face font** are detected at a concentration exceeding their laboratory LOQ or DL but are less than their ESL.

The analytical results in **red bold face font** are detected at a concentration equal to or greater than their ESL.

bgs - below ground surface

DL - laboratory detection limit

ESL - Tier 1 Environmental Screening Levels (ESLs) (San Francisco Bay Regional Water Quality Control Board 2019).

J - Results is less than the laboratory LOQ but greater than or equal to the DL and the concentration is an approximate value.

LOQ - laboratory limit of quantification

mg/kg - milligrams per kilogram

ND<X - Indicates constituent was not detected at a concentration or above laboratory LOQ or DL (X).

TPHg - Gasoline Range Total Petroleum Hydrocarbons (C4-C12 Carbon Range) by EPA Method 8015M.

TPHd- Diesel Range (C10-C28 Carbon Range) Total Petroleum Hydrocarbons.by EPA Method 8015M.

TPHm - Motor Oil (C17-C44 Carbon Range) Total Petroleum Hydrocarbons by EPA Method 8015M.

Table 5
Organochlorine Pesticides by EPA Method 8081A
Supplemental Site Investigation
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California
(µg/kg)

Location ID				**SS-30**	**SS-30**	**SS-30**	**SS-31**	**SS-31**	**SS-32**	**SS-32**	**SS-33**	**SS-33**
Sample ID[a]				**SS-30-0.0**	**DUP 5**	**SS-30-2.0**	**SS-31-0.0**	**SS-31-2.0**	**SS-32-0.0**	**SS-32-2.0**	**SS-33-0.0**	**SS-33-2.0**
Sample Date				**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**
Sample Depth feet bgs				**0-0.5**	**0-0.5**	**2-2.5**	**0-0.5**	**2-2.5**	**0-0.5**	**2-2.5**	**0-0.5**	**2-2.5**
		RSL										
Constituent[a]	Cancer	Noncancer	Note	Result	Result	Result	Result	Result	Result	Result	Result	Result
4,4'-DDD (DDD)	2,300.0	1,900	2	ND<5.0	ND<4.9	ND<5.0	ND<4.9	ND<250	ND<250	ND<5.0	**34**	**1.5^{J}**
4,4'-DDE (DDE)	2,000	23,000	2	**450**	**550**	**10**	**1,800**	**460**	**610**	**5.0**	**170**	**8.0**
4,4'-DDT (DDT)	1,900	37,000	2	**290**	**420**	**27^{J}**	**500**	ND<250	**650**	**1.6^{J}**	**160**	**2.2^{JP}**
alpha-BHC	86	NA	1	ND<5.0	ND<4.9	ND<5.0	ND<4.9	ND<250	ND<5.0	ND<5.0	ND<4.9	ND<5.0
alpha-Chlordane	NA	36,000	1	ND<5.0	**500**	**0.84^{JP}**	**20**	ND<250	**920**	**2.4^{J}**	**74**	**5.7**
beta-BHC	300	NA	1	ND<5.0	ND<4.9	ND<5.0	ND<4.9	ND<250	ND<5.0	ND<5.0	ND<4.9	ND<5.0
Chlordane (Technical)	1,700	35,000	2	**1,800**	**2,100**	**5.8^{J}**	ND<4.9	ND<250	**3,400**	**12^{J}**	**330**	**23^{J}**
delta-BHC	300	NA	1	ND<5.0	ND<4.9	ND<5.0	ND<4.9	ND<250	ND<5.0	ND<5.0	ND<4.9	ND<5.0
Dieldrin	34	3,200	2	ND<5.0	ND<4.9	ND<5.0	**210^{J}**	**42^{J}**	**29^{P}**	**0.63^{JP}**	ND<4.9	**1.9^{JP}**
Endosulfan I	NA	450,000	2	ND<5.0	ND<4.9	ND<5.0	ND<4.9	ND<250	ND<5.0	ND<5.0	ND<4.9	ND<5.0
Endosulfan II	NA	450,000	2	ND<5.0	ND<4.9	ND<5.0	ND<4.9	ND<250	ND<5.0	ND<5.0	ND<4.9	ND<5.0
Endosulfan sulfate	NA	380,000	2	ND<5.0	ND<4.9	ND<5.0	ND<4.9	ND<250	ND<5.0	ND<5.0	ND<4.9	ND<5.0
Endrin	NA	19,000	2	ND<5.0	ND<4.9	ND<5.0	ND<4.9	ND<250	ND<5.0	ND<5.0	ND<4.9	ND<5.0
Endrin ketone	NA	NA	NA	ND<5.0	ND<4.9	ND<5.0	**9.5**	ND<250	ND<5.0	ND<5.0	ND<4.9	ND<5.0
gamma-Chlordane	NA	3,600	2	**320**	**500**	ND<5.0	ND<4.9	ND<250	**870**	ND<5.0	**66**	**4.4^{J}**
Heptachlor	130	38,000	2	**1.9^{J}**	**2.9^{J}**	ND<5.0	ND<4.9	ND<250	**4.8^{J}**	ND<5.0	ND<4.9	ND<5.0
Heptachlor epoxide	70	990	2	**8.4^{P}**	**8.9^{P}**	ND<5.0	ND<4.9	ND<250	**24^{P}**	**2.1^{J}**	**1.6^{JP}**	**4.2^{J}**
Toxaphene	450	5,700	2	ND<25	ND<25	ND<25	ND<25	ND<1,200	ND<25	ND<15	ND<25	ND<25
All other OCPs[b]				ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 5
Organochlorine Pesticides by EPA Method 8081A
Supplemental Site Investigation
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California
(µg/kg)

Location ID				**SS-34**	**SS-34**	**SS-35**	**SS-35**	**SS-35**	**SS-36**	**SS-36**	**SS-37**	**SS-37**
Sample ID[a]				**SS-34-0.0**	**SS-34-2.0**	**SS-35-0.0**	**DUP 6**	**SS-35-2.0**	**SS-36-0.0**	**SS-36-2.0**	**SS-37-0.0**	**SS-37-2.0**
Sample Date				**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**
Sample Depth feet bgs				**0-0.5**	**2-2.5**	**0-0.5**	**0-0.5**	**2-2.5**	**0-0.5**	**2-2.5**	**0-0.5**	**2-2.5**
		RSL										
Constituent[a]	Cancer	Noncancer	Note	Result	Result	Result	Result	Result	Result	Result	Result	Result
4,4'-DDD (DDD)	2,300.0	1,900	2	**37**^{J}	ND<5.0	**210**	**170**	**6.1**	ND<49	ND<5.0	**20**^{J}	ND<5.0
4,4'-DDE (DDE)	2,000	23,000	2	**370**	**1.2**^{J}	**1,700**	**1,500**	**67**	**860**	**7.2**	**170**	**9.3**
4,4'-DDT (DDT)	1,900	37,000	2	**420**	ND<5.0	**3,600**	**2,400**	**3.1**^{J}	**330**	ND<5.0	**32**	ND<5.0
alpha-BHC	86	NA	1	ND<4.9	ND<5.0	ND<4.9	**0.68**^{JP}	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0
alpha-Chlordane	NA	36,000	1	**170**	ND<5.0	**260**	**260**	**6.9**	**200**	ND<5.0	**370**	**5.2**
beta-BHC	300	NA	1	ND<4.9	ND<5.0	ND<4.9	**1.1**^{JP}	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0
Chlordane (Technical)	1,700	35,000	2	**670**	ND<5.0	**1,300**	**1,200**	**6.9**	**560**^{P}	**4.9**^{J}	**1,600**	**21**^{J}
delta-BHC	140	NA	1	ND<4.9	ND<5.0	**1.8**^{JP}	ND<5.0	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0
Dieldrin	34	3,200	2	ND<4.9	ND<5.0	**240**	**180**	**340**	**35**	ND<5.0	ND<5.0	ND<5.0
Endosulfan I	NA	450,000	2	ND<4.9	ND<5.0	ND<4.9	ND<5.0	**1.1**^{JP}	ND<4.9	ND<5.0	ND<5.0	ND<5.0
Endosulfan II	NA	450,000	2	ND<4.9	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0
Endosulfan sulfate	NA	380,000	2	ND<4.9	ND<5.0	**38**	ND<5.0	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0
Endrin	NA	19,000	2	ND<4.9	ND<5.0	ND<4.9	ND<5.0	**0.91**^{J}	ND<4.9	ND<5.0	ND<5.0	ND<5.0
Endrin ketone	NA	NA	NA	ND<4.9	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0
gamma-Chlordane	NA	3,600	2	**160**	ND<5.0	**220**	**210**	ND<5.0	**170**	ND<5.0	**350**	ND<5.0
Heptachlor	130	38,000	2	**1.0**^{J}	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<4.9	ND<5.0	**1.0**^{JP}	ND<5.0
Heptachlor epoxide	70	990	2	**6.1**^{P}	ND<5.0	**28**	**22**	**29**	**18**	ND<5.0	**6.9**^{P}	**7.5**
Toxaphene	450	5,700	2	ND<25	ND<25	**2,220**^{P}	**1,800**^{P}	ND<25	ND<25	ND<25	ND<25	ND<25
All other OCPs[b]				ND	ND	ND	ND	ND	ND	ND	ND	ND

Table 5
Organochlorine Pesticides by EPA Method 8081A
Supplemental Site Investigation
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California
(µg/kg)

Location ID				**SS-38**	**SS-38-2.0**	**SS-39**	**SS-39**	**SS-39-2.0**	**SS-40**	**SS-40-2.0**
Sample ID[a]				**SS-38-0.0**	**SS-38-2.0**	**SS-39-0.0**	**DUP 7**	**SS-39-2.0**	**SS-40-0.0**	**SS-40-2.0**
Sample Date				**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**
Sample Depth feet bgs				**0-0.5**	**2-2.5**	**0-0.5**	**0-0.5**	**2-2.5**	**0-0.5**	**2-2.5**
		RSL								
Constituent[a]	Cancer	Noncancer	Note	Result	Result	Result	Result	Result	Result	Result
4,4'-DDD (DDD)	2,300.0	1,900	2	**7.9^{J}**	ND<4.9	**9.9^{P}**	**14^{P}**	**2.6^{P}**	**15**	ND<5.0
4,4'-DDE (DDE)	2,000	23,000	2	**120**	**1.1^{J}**	**770**	**1,000**	**130**	**590**	**3.3^{J}**
4,4'-DDT (DDT)	1,900	37,000	2	**83**	ND<4.9	**400**	**440**	**16**	**170**	ND<5.0
alpha-BHC	86	51,000	1	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
alpha-Chlordane	NA	36,000	1	**30**	ND<4.9	**170**	**260**	**2.5^{JP}**	**34**	ND<5.0
beta-BHC	300	NA	1	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Chlordane (Technical)	1,700	35,000	2	**150**	ND<25	**340^{P}**	**490^{P}**	**12^{J}**	**86^{P}**	ND<5.0
delta-BHC	140	NA	1	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Dieldrin	34	3,200	2	ND<5.0	ND<4.9	**150**	**190**	**21**	**11**	ND<5.0
Endosulfan I	NA	450,000	2	ND<5.0	ND<4.9	**4.2^{JP}**	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Endosulfan II	NA	450,000	2	ND<5.0	ND<4.9	**16^{P}**	**24^{P}**	ND<5.0	ND<5.0	ND<5.0
Endosulfan sulfate	NA	380,000	2	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Endrin	NA	19,000	2	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Endrin ketone	NA	NA	NA	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
gamma-Chlordane	NA	3,600	2	**32**	ND<4.9	**110**	**170**	ND<5.0	**26**	ND<5.0
Heptachlor	130	38,000	2	ND<5.0	ND<4.9	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
Heptachlor epoxide	70	990	2	ND<5.0	ND<4.9	**9.0**	**13**	**7.5**	**21^{P}**	ND<5.0
Toxaphene	450	5,700	2	ND<25	ND<25	**780^{P}**	**1,100^{P}**	ND<25	ND<25	ND<25
All other OCPs[b]				ND	ND	ND	ND	ND	ND	ND

Notes:

The analytical results in **black bold face font** are detected at a concentration exceeding their laboratory LOQ or DL but are less than their RSL.

The analytical results in **red bold face font** are detected at a concentration equal to or greater than their RSL.

bgs - below ground surface

1 - Residential Soil Screening Level is the U.S. EPA Soil RSLs (U.S. EPA 2022b) as recommended by DTSC HHRA Note 3 (DTSC 2022b).

2 - Residential Soil Screening Level is the DTSC-Modified Soil Screening Level from Table 1 of DTSC HHRA Note 3 (DTSC 2022b).

a - All soil sample results are listed showing only the detected OCPs. Please refer to Appendix A for a complete list of the pesticides analyzed and their laboratory LOQs or DLs.

b - The compound-specific LOQs and DLs for analytes that were not detected are presented with the laboratory reports in Appendix A.

bgs - below ground surface

DL - laboratory detection limit

LOQ - laboratory limit of quantification

µg/kg - micrograms per kilogram

ND<X - Indicates constituent was not detected at a concentration or above laboratory DL (X).

OCP - Organochlorine Pesticide

P - The relative percent difference between the primary and confirmation column detector >40%. The lower value has been reported.

RSL - Residential Soil Screening Level.

Table 6
Total Lead by EPA Method 6010B
Supplemental Site Investigation
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California
(mg/kg)

Location ID			**SS-30**	**SS-30**	**SS-31**	**SS-32**	**SS-33**	**SS-34**	**SS-35**
Sample ID			**SS-30-0.0**	**DUP 5**	**SS-31-0.0**	**SS-32-0.0**	**SS-33-0.0**	**SS-34-0.0**	**SS-35-0.0**
Sample Date			**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**
Sample Depth feet bgs			**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
	RSL								
Constituent	Cancer	Noncancer	Result	Result	Result	Result	Result	Result	Result
Total Lead	NA	80	**27.2**	**22.0**	**17.6**	**34.3**	**19.6**	**22.8**	**35.9**

Location ID			**SS-35**	**SS-36**	**SS-37**	**SS-38**	**SS-39**	**SS-40**
Sample ID			**DUP 6**	**SS-36-0.0**	**SS-37-20**	**SS-38-0.0**	**SS-39-0.0**	**SS-40-0.0**
Sample Date			**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**	**8/15/2022**
Sample Depth feet bgs			**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
	RSL							
Constituent	Cancer	Noncancer	Result	Result	Result	Result	Result	Result
Total Lead	NA	80	**42.5**	**20.6**	**34.4**	**31.5**	**18.6**	**16.7**

Notes:

The analytical results in **black bold face font** are detected at a concentration exceeding their laboratory LOQ or DL but are less than their RSL.

The analytical results in **red bold face font** are detected at a concentration equal to or greater than their RSL.

bgs - below ground surface

DL - laboratory detection limit

LOQ - laboratory limit of quantification

mg/kg - milligrams per kilogram

ND<X - Indicates constituent was not detected at a concentration or above laboratory LOQ (X).

RSL - Residential Soil Screening Level is the DTSC-Modified Soil Screening Level from Table 1 of DTSC HHRA Note 3 (DTSC 2022).

Table 7
Estimated Extent and Volume of Total Petroleum Hydrocarbons at Concentrations Above Screening Levels
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Location	Lateral Extent (ft^2)	Depth (ft bgs)	Volume (CY)
SS-10	78.5	1.0	2.9
SS-23	111.2	1.0	4.1
SS-24	78.5	1.0	2.9
SS-25	78.5	1.0	2.9
SS-26	88.3	1.0	3.3
SS-28	78.5	1.0	2.9
SS-29	78.5	1.0	2.9
Total	**592.03**		**21.89**

Notes:

CY - cubic yards

ft bgs- feet below ground surface

ft^2 - square feet

Table 8
Exposure Point Concentration Summary - COPCs
Supplemental Site Investigation
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

								ProUCL [1] results	
COPC	**Depth (ft bgs)**	**No. of Samples**	**No. of Detections**	**Range of Detections (mg/kg)**	**Maximum Detection (mg/kg)**	**Mean (mg/kg)**	**ProUCL Distribution**	**EPA Recommended Statistical Method**	**Exposure Point Concentration[2] (mg/kg)**
Pestcides									
4,4'-DDD (DDD)	0 - 0.5	21	10	0.0015 - 0.19	0.19 [3]	0.01813 [4]	Gamma	95% KM[4] Adjusted Gamma UCL	0.05747
4,4'-DDE (DDE)	0 - 0.5	22	22	0.0011 - 1.8	1.8	0.3808	Gamma	95% Adjusted Gamma UCL	0.7906
4,4'-DDT (DDT)	0 - 0.5	22	16	0.0016 - 3.0	3	0.2815 [4]	Gamma	95% KM Adjusted Gamma UCL	0.8211
alpha-BHC	0 - 0.5	21	1	NA	0.00068	NA	NA	NA	0.00068 [5]
alpha-Chlordane	0 - 0.5	22	17	0.00084 - 0.92	0.92	0.1304 [4]	Gamma	95% KM Adjusted Gamma UCL	0.2871
beta-BHC	0 - 0.5	21	1	NA	0.0011	NA	NA	NA	0.0011 [5]
Chlordane (Technical)	0 - 0.5	22	17	0.0049 - 3.4	3.4	0.4857 [4]	Gamma	95% KM Adjusted Gamma UCL	1.094
delta-BHC	0 - 0.5	21	1	NA	0.0018	NA	NA	NA	0.0018 [5]
Dieldrin	0 - 0.5	22	11	0.00063 - 0.34	0.34	0.04993 [4]	Normal	95% KM (t) UCL	0.08503
Endosulfan I	0 - 0.5	21	2	0.0011 - 0.0042	0.0042	0.00265 [4]	Nonparametric	95% KM (t) UCL	0.0042 [6]
Endosulfan II	0 - 0.5	21	1	NA	0.02 [7]	NA	NA	NA	0.02 [5]
Endosulfan sulfate	0 - 0.5	21	1	NA	0.038	NA	NA	NA	0.038 [5]
Endrin	0 - 0.5	21	1	NA	0.00091	NA	NA	NA	0.00091 [5]
Endrin ketone	0 - 0.5	21	1	NA	0.0095	NA	NA	NA	0.0095 [5]
gamma-Chlordane	0 - 0.5	21	10	0.026 - 0.87	0.87	0.1209 [4]	Normal	95% KM (t) UCL	0.2021
Heptachlor	0 - 0.5	21	4	0.001 - 0.0048	0.0048	0.0023 [4]	Normal	95% KM (t) UCL	0.003846
Heptachlor epoxide	0 - 0.5	22	14	0.0016 - 0.029	0.029	0.00815 [4]	Normal	95% KM (t) UCL	0.0114
Toxaphene	0 - 0.5	21	3	0.94 - 2.0	2.0 [3]	0.1967 [4]	Normal	95% KM (t) UCL	1.313 [8]
TPHs (all data Phase I&II)									
TPH-gasoline (C4-C12)	0 - 0.5	44	24	0.055 - 310	310	7.305 [4]	Nonparametric	95% KM (t) UCL	19.26
TPH-diesel (C9-C22)	0 - 0.5	54	42	4.1 - 25,000	25,000	952 [4]	Nonparametric	95% KM (t) UCL	1,863
TPH-motor oil (C23-C40)	0 - 0.5	54	47	10 - 74,000	74,000	3,101 [4]	Nonparametric	95% KM (t) UCL	5,798

NA - Not applicable

[1] ProUCL (U.S. EPA, 2022b). Version 5.2

[2] Exposure Point Concentration (EPC) is EPA Recommended Upper Confidence Limit (UCL) from ProUCL output or maximum detection if number of detections in dataset was too small for calculating statistics.

[3] Maximum detection is the average of SS-35-0.0 and Dup06.

[4] Kaplan-Meier (KM) Mean

[5] Dataset only had one detection; therefore, it is used as the EPC

[6] Maximum detection selected as EPC because 95% UCL exceeds maximum.

[7] Maximum detection is the average of SS-39-0.0 and Dup07.

[8] While ProUCL did calculate a 95% UCL of 0.4275 mg/kg, it was based on only detections out of 21 samples and was noted as not enough detections for computing reliable statistics. Therefore, based on professional judgment, the average of the three detections (0.940, 1.0, and 2.0 mg/kg) was selected as a conservative estimate of the dataset mean.

Table 9
Maximum Estimated Risk for Potential Residential Exposures to Soil
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Chemical	Maximum Detect (mg/kg)	Residential Soil Screening Levels (mg/kg)[1]		Residential Risk Screen	
		Carcinogenic	Non-carcinogenic	Maximum Estimated Risk[2]	Maximum Estimated Hazard Quotient[3]
Pesticides					
4,4'-DDD (DDD)	0.190	2.3	1.9	8.3E-08	0.10
4,4'-DDE (DDE)	1.80	2.0	23	9.0E-07	0.08
4,4'-DDT (DDT)	3.00	1.9	37	1.6E-06	0.08
alpha-BHC	0.00068	0.086	----	7.9E-09	----
beta-BHC	0.0011	0.3	----	3.7E-09	----
Chlordane (Technical)	3.40	1.7	35	2.0E-06	0.10
delta-BHC	0.0018	0.30	----	6.0E-09	----
Dieldrin	0.34	0.034	3.2	1.0E-05	0.11
Endosulfan I	0.0042	----	450	----	0.00001
Endosulfan II	0.020	----	450	----	0.00004
Endosulfan sulfate	0.038	----	380	----	0.00010
Endrin	0.00091	----	19	----	0.00005
Endrin ketone	0.0095	----	----	----	----
Heptachlor	0.0048	0.13	38	3.7E-08	0.00013
Heptachlor epoxide	0.029	0.07	0.99	4.1E-07	0.03
Toxaphene	2.00	0.45	5.7	4.4E-06	0.35
TPHs					
TPH-gasoline (C4-C12)	310	----	430	----	0.72
TPH-diesel (C9-C22)	25,000	----	260	----	96
TPH-motor oil (C23-C40)	74,000	----	5,100	----	15
Maximum Estimated Cumulative Risk and Hazard Index[4]				2E-05	112

Definitions:
mg/kg - milligrams per kilogram
µg/kg - micrograms per kilogram
---- = screening criteria not calculated as appropriate toxicity data is not available.

Notes:
[1] Listed screening levels are DTSC-Modified Soil Screening Levels, if available, or U.S. EPA Regional Screening Levels (RSLs) for residential Soil (USEPA 2022a) as recommended by DTSC HHRA Note 3 (DTSC 2022b). For TPHs, residential risk-based environmental screening levels (ESL) from the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB 2019) - Direct Contact Residential ESLs (Table S-1) for TPH-gasoline and TPH-diesel, and Csat for TPH-motor oil (Table S-4).

[2] Estimated cancer risk = (soil concentration/cancer soil screening level) x 10^{-6}.

[3] Estimated hazard = (soil concentration/non-cancer soil screening level).

[4] Cumulative risk and hazard index represent the sums of chemical-specific cancer risks and hazard quotients, respectively.

Table 10
RME Risk for Potential Residential Exposures to Soil
Rio School District Rio Del Valle Middle School Expansion Project
2600 North Rose Avenue, Ventura County, California

Chemical	EPC (mg/kg)	Residential Soil Screening Levels (mg/kg)[1]		Residential Risk Screen	
		Carcinogenic	Non-carcinogenic	Maximum Estimated Risk[2]	Maximum Estimated Hazard Quotient[3]
Pesticides					
4,4'-DDD (DDD)	0.057	2.3	1.9	2.5E-08	0.03
4,4'-DDE (DDE)	0.79	2.0	23	4.0E-07	0.03
4,4'-DDT (DDT)	0.82	1.9	37	4.3E-07	0.02
alpha-BHC	0.00068	0.086	----	7.9E-09	----
beta-BHC	0.0011	0.3	----	3.7E-09	----
Chlordane (Technical)	1.09	1.7	35	6.4E-07	0.03
delta-BHC	0.0018	0.30	----	6.0E-09	----
Dieldrin	0.085	0.034	3.2	2.5E-06	0.03
Endosulfan I	0.0042	----	450	----	0.000009
Endosulfan II	0.020	----	450	----	0.00004
Endosulfan sulfate	0.038	----	380	----	0.00010
Endrin	0.00091	----	19	----	0.00005
Endrin ketone	0.0095	----	----	----	----
Heptachlor	0.00385	0.13	38	3.0E-08	0.0001
Heptachlor epoxide	0.011	0.07	0.99	1.6E-07	0.01
Toxaphene	1.313	0.45	5.7	2.9E-06	0.23
TPHs					
TPH-gasoline (C4-C12)	19.26	----	430	----	0.04
TPH-diesel (C9-C22)	1,863	----	260	----	7.2
TPH-motor oil (C23-C40)	5,798	----	5,100	----	1.1
Maximum Estimated Cumulative Risk and Hazard Index[4]				7E-06	9

Definitions:
mg/kg - milligrams per kilogram
µg/kg - micrograms per kilogram
---- = screening criteria not calculated as appropriate toxicity data is not available.

Notes:
[1] Listed screening levels are DTSC-Modified Soil Screening Levels, if available, or U.S. EPA Regional Screening Levels (RSLs) for residential Soil (U.S. EPA 2022a) as recommended by DTSC HHRA Note 3 (DTSC 2022b). For TPHs, residential risk-based environmental screening levels (ESL) from the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB 2019) - Direct Contact Residential ESLs (Table S-1) for TPH-gasoline and TPH-diesel, and Csat for TPH-motor oil (Table S-4).

[2] Estimated cancer risk = (soil concentration/cancer soil screening level) x 10^{-6}.

[3] Estimated hazard = (soil concentration/non-cancer soil screening level).

[4] Cumulative risk and hazard index represent the sums of chemical-specific cancer risks and hazard quotients, respectively.

A - DTSC WORKPLAN APPROVAL LETTER

Department of Toxic Substances Control

Meredith Williams, Ph.D., Director
5796 Corporate Avenue
Cypress, California 90630

Jared Blumenfeld
Secretary for
Environmental Protection

Gavin Newsom
Governor

August 12, 2022 **SENT VIA ELECTRONIC MAIL**

Mr. Wael Saleh
Assistant Superintendent of Business Service
Rio School District
1800 Solar Drive
Oxnard, California 93030
wsaleh@rioschools.org

CONDITIONAL APPROVAL OF TECHNICAL MEMORANDUM, SUPPLEMENTAL SITE INVESTIGATION FIELD SAMPLING, RIO DEL VALLE MIDDLE SCHOOL EXPANSION PROJECT, 2600 NORTH ROSE AVENUE (SITE CODE: 304685)

Dear Mr. Saleh:

The Department of Toxic Substances Control (DTSC) reviewed the "Revised Technical Memorandum, Supplemental Site Investigation Field Sampling" (TM) (Tetra Tech, August 5, 2022) received on August 11, 2022, for the Rio Del Valle Middle School Expansion Project South Parcel site (Site). The TM was prepared in response to DTSC comments on the draft version forwarded in a letter dated July 5, 2022. The TM includes Site background and supplemental site investigation scope of work at the Site.

According to the TM, the Site is comprised of a 11.1 acre rectangular-shaped portion of a 21.98- acre parcel. The Site currently contains (approximately) a 0.3-acre residence, 0.25-acre tenant storage yard, a 0.45-acre junk vehicle storage area, a 1.1-acre farm equipment storage and parking area, and a 0.3-acre farmyard. The remaining 8.7 acres of the Site is occupied by areas of organic raspberry production with access roads. The Site is bounded to the northwest by North Rose Avenue, to the northeast by The Rio Del Valle Middle School, to the east and southeast by agricultural land, and to the south and southwest by The Oxnard Auto Center. Two pole-mounted electrical transformers are within the Site boundary, and one pole-mounted transformer exists on the Site's northeastern side along North Rose Avenue. The Site was previously used for cultivation of row crops and orchards for citrus fruit production for most of the time

between at least 1947 through 1978. The Site is a proposed school expansion site for Rio Del Valle Middle School. Surrounding land use is a mix of agricultural and commercial use. Recognized environmental conditions identified at the Site are lead from lead-based paint, organochlorine pesticides and arsenic from historic agricultural use, and total petroleum hydrocarbons from junk automobiles and vehicle parking at the Site and from observed releases to surface soil from diesel fuel and gasoline above ground storage tanks.

DTSC hereby approves the TM provided the enclosed comments are addressed during the future fieldwork and/or reports. Revisions to the TM are no longer necessary. Please notify DTSC a minimum of one week in advance of future fieldwork or schedule changes.

If you have any questions regarding this project, please contact Johnson Abraham, Project Manager, at (714) 484-5380 or by e-mail at Johnson.Abraham@dtsc.ca.gov or contact me at (714) 484-5368 or by e-mail at Shahir.Haddad@dtsc.ca.gov.

Sincerely,

Shahir Haddad, P.E.
Supervising Engineer
Brownfields Restoration and School Evaluation Branch
Site Mitigation and Restoration Program

mv/ja/sh

cc: See next page

cc: (via e-mail)

Mr. James R. Steele
Associate Director
Tetra Tech, Inc.
jim.steele@tetratech.com

Dr. Sandipan Datta, Ph.D.
Staff Toxicologist
DTSC/Human and Ecological Risk Office
Sandipan.Datta@dtsc.ca.gov

Mr. Joe Hwong, P.G., C.HG.
Senior Engineering Geologist
DTSC/Brownfields Restoration and School Evaluation Branch
Joe.Hwong@dtsc.ca.gov

Mr. Johnson P. Abraham
Project Manager
DTSC/Brownfields Restoration and School Evaluation Branch
Johnson.Abraham@dtsc.ca.gov

Brownfields Restoration and School Evaluation Branch Reading File - Cypress

DTSC COMMENTS
REVISED TECHNICAL MEMORANDUM
SUPPLEMENTAL SITE INVESTIGATION FIELD SAMPLING
RIO DEL VALLE MIDDLE SCHOOL EXPANSION PROJECT
OXNARD

The following DTSC staff reviewed and provided comments herein to the Revised Technical Memorandum (TM), Supplemental Site Investigation Field Sampling, for the Rio Del Valle Middle School Expansion Project South Parcel site (Site). Please contact the Project Manager if you have any questions on the comments. Original comments are available for review in the DTSC project files.

Johnson P. Abraham
Project Manager
Brownfields and Environmental Restoration Program

GENERAL COMMENTS:

1. This General Comment has not been addressed in the Revised TM. *"Health and Safety Plan (HSP): The HSP is not mentioned in the TM. You should have an HSP along with the COVI-19 protocols. A health and safety plan should be in place, and all site activities should be in compliance with the California Occupational Safety and Health Administration (CAL-OSHA) requirements."*

SPECIFIC COMMENTS:

1. Section 8.0, SSI Technical Memorandum: As indicated in Section 1.0, Introduction, DTSC concurs that execution of Land Use Covenant (LUC) based on the proposed development may be appropriate remedy for the Site. If impact to soil is de minimis based on SSI sampling results, then soil gas sampling and LUC may not be warranted. However, if impact to soil is significant, then LUC may be appropriate remedy for the Site.

2. Section 8.0, SSI Technical Memorandum: Section 1.0, Introduction of the TM further states, "A Teams meeting was held between Tetra Tech and DTSC on July 25, 2022. In the July 25, 2022 meeting, it was determined that a LUC would not achieve the RSD's objectives for the Site." This statement is inaccurate. Based on discussion with Rio School District (RSD), LUC would achieve objectives for the Site. Furthermore, long term operation and maintenance will be required if a LUC is executed for the Site.

Dr. Sandipan Datta, Ph.D.
Staff Toxicologist (Specialist)
DTSC/Human and Ecological Risk Office

At the request of the Cleanup Program, the Human and Ecological Risk Office (HERO) reviewed documents titled " Revised Technical Memorandum Supplemental Site Investigation Field Sampling Plan Rio Del Valle Middle School Expansion Project South Parcel 2600 North Rose Avenue Oxnard, California". The report was prepared for Rio School District (RSD), by Tetra Tech, and is dated August 5, 2022.

BACKGROUND:

The current 11.1-acre site under review is located at 2600 North Rose Avenue in the Oxnard planning area of Ventura County and is being assessed as a part of expansion of adjacent Rio Del Valle Middle School campus at a future point in time. The site is earmarked for development into a Transportation and Parking Facility (western half of the Site, approximately 5.6 acres) and recreation/athletic facilities including tennis courts and basketball courts (eastern half of the Site, approximately 5.4 acres). Historically this site has been used for agricultural purposes including row crops and orchards. The site contains an approximately 0.3-acre Residence, 0.25-acre Tenant Storage Yard, a 0.45-acre Junk Vehicle Storage Area, a 1.1-acre Farm Equipment Storage and Parking Area, and a 0.3-acre Farmyard. The remaining 8.7 acres of the Site is occupied by areas of organic raspberry production with access roads

According to the Phase I ESA, six recognized environmental concerns (RECs) were identified. The RECs include 1) potential release of organochlorine pesticides (OCPs); 2) release of bunker oil from potential former smudge pot frost abatement practices; 3) vehicle-related hydrocarbon and potentially toxic metals releases to surface and near surface soil at the Site from recent storage of junk automobiles and vehicle parking at the Site; 4) releases to surface and near surface soil of contents from two diesel and one gasoline above ground storage tanks (ASTs) at the Site used by the current tenant to fuel farm vehicles; 5) potential polychlorinated biphenyl (PCB) releases to surface and from near surface soil at the Site from pole-mounted electrical transformers; and 6) high volume water transmission pipelines that are located beneath North Rose Avenue and Collins Street within 1,500 feet of the site.

According to the report, twenty shallow (0 – 0.5 ft below ground surface, bgs) soil samples were collected by hand auger sampling and combined to form five composite samples and a duplicate composite sample for commercial organochlorine pesticides (OCPs) analysis using United States Environmental Protection Agency (USEPA) method 8081A. Fourteen discrete soil samples (SS1, SS5, SS9, SS13, SS17, SS23

through 29, duplicate sample from SS5 and Dup3) were analyzed for arsenic using EPA method 6010B. Three samples were collected and analyzed for polychlorinated biphenyls using USEPA method 8082.

Seven discrete surface soil samples (samples SS-23 through SS-29) and one duplicate soil sample (Dup3) (8 soil samples total) were collected from areas of observed soil staining and analyzed for CAM 17 metals using USEPA method 6010B/7471A, semi-volatile organic compounds (SVOCs) using USEPA method 8270C, polycyclic aromatic hydrocarbons (PAHs) using USEPA method 8270C SIM, total purgeable petroleum hydrocarbons (TPPH) using the LUFT gas chromatograph/mass spectrometer (GC/MS) method, TPHd and TPHh/m using EPA method 8015M, and volatile organic compounds (VOCs) using EPA method 8260B. In addition, surface soil sample SS-10 was included in the sample set because it is within the former junk automobile storage area and was analyzed for TPHd and TPHh/m using EPA method 8015M.

The concentrations of total purgeable petroleum hydrocarbons (TPPH) meant to capture gasoline range TPHs, diesel fuel total petroleum hydrocarbons (TPHd) and hydraulic oil/motor oil total petroleum hydrocarbons (TPHh/m aka TPHmo) were significantly higher (in the samples from the area around AST and junk yard storage (SS23 through 29)) than the San Francisco Bay Regional Water Quality Control Board (SFRWQCB) Tier 1 Environmental Screening Level (ESL). TPHg concentration of SS23 was 310 mg/kg, which is above the SFRWQCB ESL of 100 mg/kg. TPHd concentration in SS23, SS24, and SS26 was 14,000, 25,000 and 8,100 mg/kg which is above the SFRWQCB ESL of 260 mg/kg. TPHmo concentration ranged 2800 – 74,000 mg/kg in the SS10, SS25, SS26, SS28, and SS29 which is above the SFRWQCB ESL of 1,600 mg/kg. The other contaminants such as OCPs, metals and PAH were found to be below the USEPA's Regional Screening Levels (RSL). Arsenic was below the southern California upper bound ambient level of 12 mg/kg.

Following the DTSC comments (Letter dated April 19, 2022) on the Phase I and Phase II ESA, and a scoping meeting on June 14, 2022, a Supplemental Site Investigation Workplan was submitted for DTSC review on June 21, 2022. DTSC provided comments via email on June 30, 2022, requesting minor modifications to the workplan. In response to the previous comments the revised workplan was submitted for review and DTSC approval.

SCOPE OF REVIEW:

The report was reviewed for major scientific and technical deficiencies only, with focus on those aspects of the report that may influence human health. Minor editorial,

stylistic, and/or grammatical issues are not noted. Comments on this document are described below.

GENERAL COMMENTS:

Based on a review of the Revised Technical Memorandum Supplemental Site Investigation Field Sampling Plan, HERO recommends addressing the concerns mentioned below.

1. **Soil vapor sampling and Land use covenant (LUC):** As per the Revised Technical Memorandum Supplemental Site Investigation Field Sampling Plan, the Rio School District (RSD) requested a reduction in proposed expenditure for the supplemental site investigation and as per an agreement between the DTSC and the responsible party, soil vapor sampling and analysis was eliminated. It is HERO's understanding that the current proposed development of the site consists of transportation and parking facility, and outdoor sports facility (Basketball and Tennis courts), in which case the vapor intrusion pathway is unlikely to be of concern. However, if plans change and buildings are placed in this area without appropriate remediation measures, vapor intrusion may be of concern and as such soil vapor sampling may be warranted in this area. An LUC may be considered since the soil vapor analysis is currently being omitted in the supplemental site investigation. Please note that the appropriate personal protective equipment (PPE) should be used by workers handling the TPH contaminated soils.

2. **Sampling methodology:** HERO defers to Geological Services Unit and DTSC management to determine whether the sampling locations, and methodology are adequate to delineate the contaminants vertically and laterally.

3. **Human Health Risk Assessment (HHRA):** Once the vertical and lateral delineation is completed, HERO recommends that a HHRA is performed for the receptors on the site to facilitate risk-based decision making for the site. Alternatively, if the site is completely paved and there is no contact between contaminated soil and the receptors on the site, the maintenance of pavement integrity should be ensured at all times through appropriate Operation and Maintenance (O&M) Plans.

RECOMMENDATIONS AND CONCLUSIONS:

HERO recommends the following based on the review of Revised Technical Memorandum Supplemental Site Investigation Field Sampling Plan:

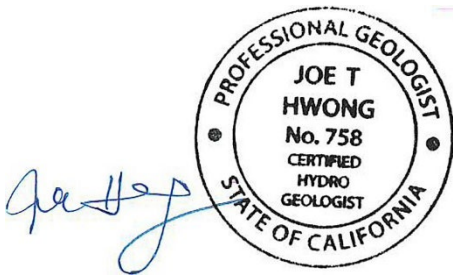
1. HERO defers to DTSC's management to determine whether an execution of LUC is required to maintain the current proposed development, as the omission of soil gas analysis is a significant data gap with respect to evaluating the vapor intrusion if a building is built in the future on the contaminated soil.

2. Please perform an HHRA after complete delineation of the soil contaminants.

HERO notes that the decisions made in this document are site-specific and should not be construed as a policy decision applicable to other sites.

Joe Hwong, P.G., C.HG.
Senior Engineering Geologist
DTSC/Brownfields Restoration and School Evaluation Branch

DTSC received the revised Table 1 and Workplan from Tetra Tech on August 11, 2022. After reviewed the revised Workplan and Table 1, DTSC concurs with the Workplan sampling strategies and have no comments to it.



B - BORING LOGS

Tetra Tech
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111
(805) 681-3100, FAX (805) 681-3108

Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-10
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1610.
			X	0.0/0.0	Collect soil sample SS-10-1.0 from 1.0-1.5 ft bgs at 1610.
					End drilling at 1610. Total depth 1.5 ft bgs.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

Graphics:\BORLOGS\

Tetra Tech
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111
(805) 681-3100, FAX (805) 681-3108

Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-10-A2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1630. Collect soil sample SS-10-A2-0.0 from 0.0-0.5 ft bgs at 1630.
					End drilling at 1630. Total depth 0.5 ft bgs.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

Graphics:\BORLOGS\

Tetra Tech
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111
(805) 681-3100, FAX (805) 681-3108

Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-10-B2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X		Start drilling at 1650. Collect soil sample SS-10-B2-0.0 from 0.0-0.5 ft bgs at 1650.
					End drilling at 1650. Total depth 0.5 ft bgs. PID battery totally dischaged. Not able to monitor soil VOC vapors.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

Graphics:\BORLOGS\

Tetra Tech
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111
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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-10-C2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X		Start drilling at 1710. Collect soil sample SS-10-C2-0.0 from 0.0-0.5 ft bgs at 1710.
					End drilling at 1710. Total depth 0.5 ft bgs. PID battery totally dischaged. Not able to monitor soil VOC vapors.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

Graphics:\BORLOGS\

Tetra Tech
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111
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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-10-D2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X		Start drilling at 1725. Collect soil sample SS-10-D2-0.0 from 0.0-0.5 ft bgs at 1710.
					End drilling at 1725. Total depth 0.5 ft bgs. PID battery totally dischaged. Not able to monitor soil VOC vapors.
5					
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

Graphics:\BORLOGS\

Tetra Tech
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111
(805) 681-3100, FAX (805) 681-3108

Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-10-A1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1615. Collect soil sample SS-10-A1-0.0 from 0.0-0.5 ft bgs at 1615.
			X	0.0/0.0	Collect soil sample SS-10-A1-1.0 from 1.0-1.5 ft bgs at 1625.
					End drilling at 1625. Total depth 1.5 ft bgs.
5					
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

Graphics:\BORLOGS\

Tetra Tech
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111
(805) 681-3100, FAX (805) 681-3108

Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-10-B1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X		Start drilling at 1640. Collect soil sample SS-10-B1-0.0 from 0.0-0.5 ft bgs at 1645. Collect soil sample SS-10-B1-1.0 from 1.0-1.5 ft bgs at 1625.
					End drilling at 1625. Total depth 1.5 ft bgs. PID battery totally dischaged. Not able to monitor soil VOC vapors.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

Graphics:\BORLOGS\

Tetra Tech
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111
(805) 681-3100, FAX (805) 681-3108

Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-10-C1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X		Start drilling at 1700. Collect soil sample SS-10-C1-0.0 from 0.0-0.5 ft bgs at 1700. Collect soil sample SS-10-C1-1.0 from 1.0-1.5 ft bgs at 1705.
5					End drilling at 1705. Total depth 1.5 ft bgs. PID battery totally dischaged. Not able to monitor soil VOC vapors.
10					
15					
20					

Groundwater depth during drilling.
None encountered.

Graphics:\BORLOGS\

Tetra Tech
5383 Hollister Ave, Suite 130
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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-10-D1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X		Start drilling at 1715. Collect soil sample SS-10-D1-0.0 from 0.0-0.5 ft bgs at 1715. Collect soil sample SS-10-D1-1.0 from 1.0-1.5 ft bgs at 1720.
					End drilling at 1720. Total depth 1.5 ft bgs. PID battery totally dischaged. Not able to monitor soil VOC vapors.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-23
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine. Diesel staining and odor form 0.0 ft bgs to 3-inches depth.	SM	X	0.0/4.4	Start drilling at 1140.
			X	0.0/0.0	Collect soil sample SS-23-1.0 from 1.0-1.5 ft bgs at 1140.
					End drilling at 1140. Total depth 1.5 ft bgs.
5					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-23-A1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1159. Collect soil sample SS-23-A1-0.0 from 0.0-0.5 ft bgs at 1159.
			X	0.0/0.0	Collect soil sample SS-23-A1-1.0 from 1.0-1.5 ft bgs at 1208.
					End drilling at 1208. Total depth 1.5 ft bgs.
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-23-A2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1228. Collect soil sample SS-23-A2-0.0 from 0.0-0.5 ft bgs at 1228.
					End drilling at 1228. Total depth 0.5 ft bgs.
5					
10					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-23-B1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1252. Collect soil sample SS-23-B1-0.0 from 0.0-0.5 ft bgs at 1252.
			X	0.0/0.0	Collect soil sample SS-23-B1-1.0 from 1.0-1.5 ft bgs at 1325.
					End drilling at 1325. Total depth 1.5 ft bgs.
5					
10					
15					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-23-B2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1415. Collect soil sample SS-23-B2-0.0 from 0.0-0.5 ft bgs at 1415.
					End drilling at 1415. Total depth 0.5 ft bgs.
5					
10					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-23-C2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1518. Collect soil sample SS-23-C2-0.0 from 0.0-0.5 ft bgs at 1518.
					End drilling at 1518. Total depth 0.5 ft bgs.
5					
10					
15					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-23-D1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.0 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.0 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine. Soil staining at ground surface, no odor. In front of diesel AST.	SM		0.0/0.4	Start drilling at 1435. Collect soil sample SS-23-D1-0.0 from 0.0-0.5 ft bgs at 1435.
				0.0/0.0	Collect soil sample SS-23-D1-1.0 from 8-12 inches bgs at 1445.
					End drilling at 1445. Total depth 1.0 ft bgs.
5					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-23-D2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1455. Collect soil sample SS-23-D2-0.0 from 0.0-0.5 ft bgs at 1455.
					End drilling at 1455. Total depth 0.5 ft bgs.
5					
10					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-23-C1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1505. Collect soil sample SS-23-C1-0.0 from 0.0-0.5 ft bgs at 1505.
			X	0.0/0.0	Collect soil sample SS-23-C1-1.0 from 1.0-1.5 ft bgs at 1512.
					End drilling at 1512. Total depth 1.5 ft bgs.
5					
10					
15					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-24
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1528.
			X	0.0/0.0	Collect soil sample SS-24-1.0 from 1.0-1.5 ft bgs at 1528.
					End drilling at 1528. Total depth 1.5 ft bgs.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-24-A2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1553. Collect soil sample SS-24-A2-0.0 from 0.0-0.5 ft bgs at 1553.
					End drilling at 1553. Total depth 0.5 ft bgs.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-24-B2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 0855. Collect soil sample SS-24-B2-0.0 from 0.0-0.5 ft bgs at 0855.
					End drilling at 0855. Total depth 0.5 ft bgs.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-24-C2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 0915. Collect soil sample SS-24-C2-0.0 from 0.0-0.5 ft bgs at 0915.
					End drilling at 0915. Total depth 0.5 ft bgs.
5					
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-24-A1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1538. Collect soil sample SS-24-A1-0.0 from 0.0-0.5 ft bgs at 1538.
			X	0.0/0.0	Collect soil sample SS-24-A1-1.0 from 1.0-1.5 ft bgs at 1548.
					End drilling at 1548. Total depth 1.5 ft bgs.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-24-B1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 0840. Collect soil sample SS-24-B1-0.0 and DUP 2 from 0.0-0.5 ft bgs at 0840.
			X	0.0/0.0	Collect soil sample SS-24-B1-1.0 from 1.0-1.5 ft bgs at 0847.
					End drilling at 0847. Total depth 1.5 ft bgs.
5					
10					
15					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-24-C1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 0900. Collect soil sample SS-24-C1-0.0 from 0.0-0.5 ft bgs at 0900.
			X	0.0/0.0	Collect soil sample SS-24-C1-1.0 from 1.0-1.5 ft bgs at 0908.
					End drilling at 0908. Total depth 1.5 ft bgs.
5					
10					
15					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-25
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 0928.
			X	0.0/0.0	Collect soil sample SS-25-1.0 from 1.0-1.5 ft bgs at 0928.
5					End drilling at 0928. Total depth 1.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-25-A2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 0955. Collect soil sample SS-25-A2-0.0 from 0.0-0.5 ft bgs at 0955.
					End drilling at 0955. Total depth 0.5 ft bgs.
5					
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-25-B2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1017. Collect soil sample SS-25-B2-0.0 from 0.0-0.5 ft bgs at 1017.
					End drilling at 1017. Total depth 0.5 ft bgs.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-25-C2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1038. Collect soil sample SS-25-C2-0.0 from 0.0-0.5 ft bgs at 1038.
					End drilling at 1038. Total depth 0.5 ft bgs.
5					
10					
15					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-25-D2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1059. Collect soil sample SS-25-D2-0.0 from 0.0-0.5 ft bgs at 1059.
					End drilling at 1059. Total depth 0.5 ft bgs.
5					
10					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-25-A1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 0934. Collect soil sample SS-25-A1-0.0 from 0.0-0.5 ft bgs at 0934.
			X	0.0/0.0	Collect soil sample SS-25-A1-1.0 from 1.0-1.5 ft bgs at 0945.
					End drilling at 0945. Total depth 1.5 ft bgs.
5					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-25-B1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1003. Collect soil sample SS-25-B1-0.0 from 0.0-0.5 ft bgs at 1003.
			X	0.0/0.0	Collect soil sample SS-25-B1-1.0 from 1.0-1.5 ft bgs at 1010.
					End drilling at 1010. Total depth 1.5 ft bgs.
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-25-C1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1023. Collect soil sample SS-25-C1-0.0 from 0.0-0.5 ft bgs at 1023.
			X	0.0/0.0	Collect soil sample SS-25-C1-1.0 from 1.0-1.5 ft bgs at 1030.
					End drilling at 1030. Total depth 1.5 ft bgs.
5					
10					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-25-D1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1045. Collect soil sample SS-25-D1-0.0 from 0.0-0.5 ft bgs at 1045.
			X	0.0/0.0	Collect soil sample SS-25-D1-1.0 from 1.0-1.5 ft bgs at 1052.
					End drilling at 1052. Total depth 1.5 ft bgs.
5					
10					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-26
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	☒	0.0/0.0	Start drilling at 1110.
			☒	0.0/0.0	Collect soil sample SS-26-1.0 from 1.0-1.5 ft bgs at 1110.
					End drilling at 1110. Total depth 1.5 ft bgs.
5					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-26-A2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1130. Collect soil sample SS-26-A2-0.0 from 0.0-0.5 ft bgs at 1130.
					End drilling at 1130. Total depth 0.5 ft bgs.
5					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-26-B2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1150. Collect soil sample SS-26-B2-0.0 from 0.0-0.5 ft bgs at 1150.
					End drilling at 1150. Total depth 0.5 ft bgs.
5					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-26-C2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1210. Collect soil sample SS-26-C2-0.0 from 0.0-0.5 ft bgs at 1210.
					End drilling at 1210. Total depth 0.5 ft bgs.
5					
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15					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-26-D2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1235. Collect soil sample SS-26-D2-0.0 from 0.0-0.5 ft bgs at 1235.
					End drilling at 1235. Total depth 0.5 ft bgs.
5					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-26-A1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1115. Collect soil sample SS-26-A1-0.0 from 0.0-0.5 ft bgs at 1115.
			X	0.0/0.0	Collect soil sample SS-26-A1-1.0 from 1.0-1.5 ft bgs at 1120.
					End drilling at 1120. Total depth 1.5 ft bgs.
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-26-B1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1140. Collect soil sample SS-26-B1-0.0 from 0.0-0.5 ft bgs at 1140.
			X	0.0/0.0	Collect soil sample SS-26-B1-1.0 from 1.0-1.5 ft bgs at 1140.
					End drilling at 1140. Total depth 1.5 ft bgs.
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-26-C1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1155. Collect soil sample SS-26-C1-0.0 from 0.0-0.5 ft bgs at 1155.
			X	0.0/0.0	Collect soil sample SS-26-C1-1.0 from 1.0-1.5 ft bgs at 1200.
					End drilling at 1200. Total depth 1.5 ft bgs.
5					
10					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-26-D1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1215. Collect soil sample SS-26-D1-0.0 from 0.0-0.5 ft bgs at 1215.
			X	0.0/0.0	Collect soil sample SS-26-D1-1.0 from 1.0-1.5 ft bgs at 1225.
					End drilling at 1225. Total depth 1.5 ft bgs.
5					
10					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-28
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1330.
			X	0.0/0.0	Collect soil sample SS-28-1.0 from 1.0-1.5 ft bgs at 1330.
					End drilling at 1330. Total depth 1.5 ft bgs.
5					
10					
15					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-28-A2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1350. Collect soil sample SS-28-A2-0.0 from 0.0-0.5 ft bgs at 1350.
					End drilling at 1350. Total depth 0.5 ft bgs.
5					
10					
15					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-28-C2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1405. Collect soil sample SS-28-C2-0.0 from 0.0-0.5 ft bgs at 1405.
					End drilling at 1405. Total depth 0.5 ft bgs.
5					
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-28-D2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1420. Collect soil sample SS-28-D2-0.0 from 0.0-0.5 ft bgs at 1420.
					End drilling at 1420. Total depth 0.5 ft bgs.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-28-A1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1340. Collect soil sample SS-28-A1-0.0 from 0.0-0.5 ft bgs at 1340.
			X	0.0/0.0	Collect soil sample SS-28-A1-1.0 from 1.0-1.5 ft bgs at 1345.
					End drilling at 1345. Total depth 1.5 ft bgs.
5					
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-28-C1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1355. Collect soil sample SS-28-C1-0.0 from 0.0-0.5 ft bgs at 1355.
			X	0.0/0.0	Collect soil sample SS-28-C1-1.0 from 1.0-1.5 ft bgs at 1400.
					End drilling at 1400. Total depth 1.5 ft bgs.
5					
10					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-28-D1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1410. Collect soil sample SS-28-D1-0.0 from 0.0-0.5 ft bgs at 1410.
			X	0.0/0.0	Collect soil sample SS-28-D1-1.0 from 1.0-1.5 ft bgs at 1415.
					End drilling at 1415. Total depth 1.5 ft bgs.
5					
10					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-29
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1425.
			X	0.0/0.0	Collect soil sample SS-29-1.0 from 1.0-1.5 ft bgs at 1425.
5					End drilling at 1425. Total depth 1.5 ft bgs.
10					
15					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-29-A2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1500. Collect soil sample SS-29-A2-0.0 from 0.0-0.5 ft bgs at 1500.
					End drilling at 1500. Total depth 0.5 ft bgs.
5					
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15					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-29-B2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1525. Collect soil sample SS-29-B2-0.0 from 0.0-0.5 ft bgs at 1525.
					End drilling at 1525. Total depth 0.5 ft bgs.
5					
10					
15					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-29-C2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1545. Collect soil sample SS-29-C2-0.0 from 0.0-0.5 ft bgs at 1545.
					End drilling at 1545. Total depth 0.5 ft bgs.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-29-D2
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 0.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 0.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1600. Collect soil sample SS-29-D2-0.0 from 0.0-0.5 ft bgs at 1600.
					End drilling at 1600. Total depth 0.5 ft bgs.
5					
10					
15					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-29-A1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1430. Collect soil sample SS-29-A1-0.0 from 0.0-0.5 ft bgs at 1430.
			X	0.0/0.0	Collect soil sample SS-29-A1-1.0 from 1.0-1.5 ft bgs at 1450.
					End drilling at 1450. Total depth 1.5 ft bgs.
5					
10					
15					
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Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-29-B1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1505. Collect soil samples SS-29-B1-0.0 and DUP 4 from 0.0-0.5 ft bgs at 1505.
			X	0.0/0.0	Collect soil sample SS-29-B1-1.0 from 1.0-1.5 ft bgs at 1515.
					End drilling at 1515. Total depth 1.5 ft bgs.
5					
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-29-C1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1530. Collect soil sample SS-29-C1-0.0 from 0.0-0.5 ft bgs at 1530.
			X	0.0/0.0	Collect soil sample SS-29-C1-1.0 from 1.0-1.5 ft bgs at 1540
					End drilling at 1540. Total depth 1.5 ft bgs.
5					
10					
15					
20					

Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-29-D1
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/16/22 Completed: 8/16/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 1.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 1.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	X	0.0/0.0	Start drilling at 1550. Collect soil sample SS-29-D1-0.0 from 0.0-0.5 ft bgs at 1550.
			X	0.0/0.0	Collect soil sample SS-29-D1-1.0 from 1.0-1.5 ft bgs at 1555.
					End drilling at 1555. Total depth 1.5 ft bgs.
5					
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-30
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	☒	0.0/0.0	Start drilling at 0930. Collect soil sample SS-30-0.0 6 from 0.0-0.5 ft bgs at 0930.
			☒	0.0/0.0	Collect soil sample SS-30-2.0 from 2.0-2.5 ft bgs at 0935.
5					End drilling at 0935. Total depth 2.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-31
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	☒	0.0/0.0	Start drilling at 1039. Collect soil sample SS-31-0.0 from 0.0-0.5 ft bgs at 1039. Encountered pipe and moved over 3 inches.
			☒	0.0/0.0	Collect soil sample SS-31-2.0 from 2.0-2.5 ft bgs at 1045.
5					End drilling at 1033. Total depth 2.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-32
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine. Trace fine gravel at ground surface.	SM	☒	0.0/0.0	Start drilling at 0955. Collect soil sample SS-32-0.0 from 0.0-0.5 ft bgs at 0955.
			☒	0.0/0.0	Collect soil sample SS-32-2.0 from 2.0-2.5 ft bgs at 0958.
5					End drilling at 0958. Total depth 2.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-33
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	☒	0.0/0.0	Start drilling at 0915. Collect soil sample SS-33-0.0 from 0.0-0.5 ft bgs at 0915.
			☒	0.0/0.0	Collect soil sample SS-33-2.0 from 2.0-2.5 ft bgs at 0915.
5					End drilling at 0918. Total depth 2.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-34
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine. Trace fine gravel at ground surface.	SM	☒	0.0/0.0	Start drilling at 0943. Collect soil sample SS-34-0.0 6 from 0.0-0.5 ft bgs at 0943.
			☒	0.0/0.0	Collect soil sample SS-34-2.0 from 2.0-2.5 ft bgs at 0948.
5					End drilling at 0948. Total depth 2.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-35
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	☒	0.0/0.0	Start drilling at 0923. Collect soil sample SS-35-0.0 and Dupe 6 from 0.0-0.5 ft bgs at 0923.
			☒	0.0/0.0	Collect soil sample SS-35-2.0 from 2.0-2.5 ft bgs at 0928.
5					End drilling at 0928. Total depth 2.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-36
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	☒	0.0/0.0	Start drilling at 1002. Collect soil sample SS-36-0.0 from 0.0-0.5 ft bgs at 1002.
			☒	0.0/0.0	Collect soil sample SS-36-2.0 from 2.0-2.5 ft bgs at 1007.
5					End drilling at 1007. Total depth 2.5 ft bgs.
10					
15					
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▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-37
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	☒	0.0/0.0	Start drilling at 1029. Collect soil sample SS-37-0.0 from 0.0-0.5 ft bgs at 1029.
			☒	0.0/0.0	Collect soil sample SS-37-2.0 from 2.0-2.5 ft bgs at 1033.
5					End drilling at 1033. Total depth 2.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-38
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand with gravel, brown (10YR 4/3), damp, fine from 0.0 ft bgs to 0.5 ft bgs. Silty sand from 0.5 ft bgs to 2.5 ft bgs.	SM	☒	0.0/0.0	Start drilling at 1110. Collect soil sample SS-38-0.0 from 0.0-0.5 ft bgs at 1110.
			☒	0.0/0.0	Collect soil sample SS-38-2.0 from 2.0-2.5 ft bgs at 1113.
5					End drilling at 1102. Total depth 2.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

Graphics:\BORLOGS\

Tetra Tech
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111
(805) 681-3100, FAX (805) 681-3108

Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-39
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand with gravel, brown (10YR 4/3), damp, fine from 0.0 ft bgs to 0.5 ft bgs. Silty sand from 0.5 ft bgs to 2.5 ft bgs.	SM	☒	0.0/0.0	Start drilling at 1055. Collect soil sample SS-39-0.0 from 0.0-0.5 ft bgs at 1055.
			☒	0.0/0.0	Collect soil sample SS-39-2.0 from 2.0-2.5 ft bgs at 1102.
5					End drilling at 1102. Total depth 2.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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Tetra Tech
5383 Hollister Ave, Suite 130
Santa Barbara, CA 93111
(805) 681-3100, FAX (805) 681-3108

Project: 112G-SBA-T41501 Task 05
Log of Boring No. SS-40
Location: 2600 North Rose Ave., Oxnard, CA

Date Started: 8/15/22 Completed: 8/15/22	
Logged By: Sheby Valenza Checked By: Jim Steele, CA P.G 5963	
Drilled By: Tetra Tech	Backfill: Native Soil
Drilling Equipment: Hand Auger	Bentonite/Cement Grout: from NA ft bgs to NA ft bgs
Sampling Equipment: Hand Auger	Native Soil: from 0.0 ft bgs to 2.5 ft bgs
GS Elev.: Approx. 90 ft above MSL TD: 2.5 ft bgs	

Depth (ft. bgs)	MATERIAL DESCRIPTION	Material Symbol	Sample	PID (ppm) Amb/Smp	REMARKS
	Artificial Fill (af) Silty sand, brown (10YR 4/3), damp, fine.	SM	☒	0.0/0.0	Start drilling at 1012. Collect soil sample SS-40-0.0 from 0.0-0.5 ft bgs at 1012.
			☒	0.0/0.0	Collect soil sample SS-40-2.0 from 2.0-2.5 ft bgs at 1016.
5					End drilling at 1016. Total depth 2.5 ft bgs.
10					
15					
20					

▼ Groundwater depth during drilling.
None encountered.

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C - LABORATORY REPORT

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-106769-1
Client Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

For:
Tetra Tech, Inc.
5383 Hollister Ave
Suite 130
Santa Barbara, California 93111

Attn: Mr. Jim Steele

Vik Patel

Authorized for release by:
9/2/2022 11:05:51 AM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Qualifiers

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-106769-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-106769-1

Comments
No additional comments.

Receipt
The samples were received on 8/17/2022 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.5º C, 3.7º C and 4.1º C.

GC VOA
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-257714.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-260059. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-257791 and analytical batch 570-258208 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8081A: The following sample was diluted due to the nature of the sample matrix: SS-31-2.0 (570-106769-22). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-23-1.0 — Lab Sample ID: 570-106769-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	4.1	J	4.9		3.8	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-23-A1-0.0 — Lab Sample ID: 570-106769-2

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	100		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	150		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-23-B1-0.0 — Lab Sample ID: 570-106769-5

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	110		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	160		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-23-C1-0.0 — Lab Sample ID: 570-106769-8

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.064	J	0.11		0.060	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	59		5.1		3.9	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	120		25		12	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-23-D1-0.0 — Lab Sample ID: 570-106769-11

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28] - RA2	920		9.9		7.6	mg/Kg	2		8015B	Total/NA
TPH as Motor Oil (C17-C44) - RA2	860		50		23	mg/Kg	2		8015B	Total/NA

Client Sample ID: SS-23-D1-1.0 — Lab Sample ID: 570-106769-12

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	13		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	19	J	24		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-23-D2-0.0 — Lab Sample ID: 570-106769-13

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.30		0.11		0.059	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	1600		24		19	mg/Kg	5		8015B	Total/NA
TPH as Motor Oil (C17-C44)	1500		120		56	mg/Kg	5		8015B	Total/NA

Client Sample ID: SS-24-1.0 — Lab Sample ID: 570-106769-14

No Detections.

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-24-A1-0.0 — Lab Sample ID: 570-106769-15

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	48		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	100		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-30-0.0 — Lab Sample ID: 570-106769-18

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	450		99		14	ug/Kg	20		8081A	Total/NA
4,4'-DDT	290		99		23	ug/Kg	20		8081A	Total/NA
Chlordane	1800		25		4.0	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	320		99		67	ug/Kg	20		8081A	Total/NA
Heptachlor	1.9	J	5.0		0.59	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	8.4	p	5.0		0.53	ug/Kg	1		8081A	Total/NA
Lead	27.2		2.00		0.409	mg/Kg	5		6010B	Total/NA

Client Sample ID: DUP 5 — Lab Sample ID: 570-106769-19

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	550		250		34	ug/Kg	50		8081A	Total/NA
4,4'-DDT	420		250		58	ug/Kg	50		8081A	Total/NA
alpha-Chlordane	500		250		28	ug/Kg	50		8081A	Total/NA
Chlordane	2100		25		4.0	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	500		250		170	ug/Kg	50		8081A	Total/NA
Heptachlor	2.9	J	4.9		0.59	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	8.9	p	4.9		0.53	ug/Kg	1		8081A	Total/NA
Lead	22.0		2.01		0.411	mg/Kg	5		6010B	Total/NA

Client Sample ID: SS-30-2.0 — Lab Sample ID: 570-106769-20

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	10		5.0		0.68	ug/Kg	1		8081A	Total/NA
4,4'-DDT	2.7	J	5.0		1.2	ug/Kg	1		8081A	Total/NA
alpha-Chlordane	0.84	J p	5.0		0.56	ug/Kg	1		8081A	Total/NA
Chlordane	5.8	J	25		4.1	ug/Kg	1		8081A	Total/NA

Client Sample ID: SS-31-0.0 — Lab Sample ID: 570-106769-21

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	1800		490		67	ug/Kg	100		8081A	Total/NA
4,4'-DDT	500		490		120	ug/Kg	100		8081A	Total/NA
alpha-Chlordane	20		4.9		0.55	ug/Kg	1		8081A	Total/NA
Dieldrin	210	J	490		54	ug/Kg	100		8081A	Total/NA
Endrin ketone	9.5		4.9		0.88	ug/Kg	1		8081A	Total/NA
Toxaphene	1000	p	25		15	ug/Kg	1		8081A	Total/NA
Lead	17.6		2.00		0.409	mg/Kg	5		6010B	Total/NA

Client Sample ID: SS-31-2.0 — Lab Sample ID: 570-106769-22

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	460		250		34	ug/Kg	50		8081A	Total/NA
Dieldrin	42	J	250		27	ug/Kg	50		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-32-0.0 — Lab Sample ID: 570-106769-23

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	610		250		34	ug/Kg	50		8081A	Total/NA
4,4'-DDT	650		250		59	ug/Kg	50		8081A	Total/NA
alpha-Chlordane	920		250		28	ug/Kg	50		8081A	Total/NA
Chlordane	3400		1200		200	ug/Kg	50		8081A	Total/NA
Dieldrin	29	p	5.0		0.55	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	870		250		170	ug/Kg	50		8081A	Total/NA
Heptachlor	4.8	J	5.0		0.60	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	24	p	5.0		0.54	ug/Kg	1		8081A	Total/NA
Lead	34.3		1.99		0.407	mg/Kg	5		6010B	Total/NA

Client Sample ID: SS-32-2.0 — Lab Sample ID: 570-106769-24

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	5.0		5.0		0.68	ug/Kg	1		8081A	Total/NA
4,4'-DDT	1.6	J	5.0		1.2	ug/Kg	1		8081A	Total/NA
alpha-Chlordane	2.4	J	5.0		0.56	ug/Kg	1		8081A	Total/NA
Chlordane	12	J	25		4.1	ug/Kg	1		8081A	Total/NA
Dieldrin	0.63	J p	5.0		0.54	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	2.1	J	5.0		0.54	ug/Kg	1		8081A	Total/NA

Client Sample ID: SS-33-0.0 — Lab Sample ID: 570-106769-25

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	34		4.9		0.70	ug/Kg	1		8081A	Total/NA
4,4'-DDE	170		49		6.7	ug/Kg	10		8081A	Total/NA
4,4'-DDT	160		49		12	ug/Kg	10		8081A	Total/NA
alpha-Chlordane	74		49		5.6	ug/Kg	10		8081A	Total/NA
Chlordane	330		25		4.0	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	66		49		33	ug/Kg	10		8081A	Total/NA
Heptachlor epoxide	1.6	J p	4.9		0.53	ug/Kg	1		8081A	Total/NA
Lead	19.6		2.00		0.409	mg/Kg	5		6010B	Total/NA

Client Sample ID: SS-33-2.0 — Lab Sample ID: 570-106769-26

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	1.5	J	5.0		0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	8.0		5.0		0.68	ug/Kg	1		8081A	Total/NA
4,4'-DDT	2.2	J p	5.0		1.2	ug/Kg	1		8081A	Total/NA
alpha-Chlordane	5.7		5.0		0.56	ug/Kg	1		8081A	Total/NA
Chlordane	23	J	25		4.1	ug/Kg	1		8081A	Total/NA
Dieldrin	1.9	J p	5.0		0.54	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	4.4	J	5.0		3.4	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	4.2	J	5.0		0.54	ug/Kg	1		8081A	Total/NA

Client Sample ID: SS-34-0.0 — Lab Sample ID: 570-106769-27

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	37	J	98		14	ug/Kg	20		8081A	Total/NA
4,4'-DDE	370		98		13	ug/Kg	20		8081A	Total/NA
4,4'-DDT	420		98		23	ug/Kg	20		8081A	Total/NA
alpha-Chlordane	170		98		11	ug/Kg	20		8081A	Total/NA
Chlordane	670		25		4.0	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	160		98		66	ug/Kg	20		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS-34-0.0 (Continued)
Lab Sample ID: 570-106769-27

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Heptachlor	1.0	J	4.9		0.59	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	6.1	p	4.9		0.53	ug/Kg	1		8081A	Total/NA
Lead	22.8		1.99		0.407	mg/Kg	5		6010B	Total/NA

Client Sample ID: SS-34-2.0
Lab Sample ID: 570-106769-28

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	1.2	J	5.0		0.68	ug/Kg	1		8081A	Total/NA

Client Sample ID: SS-35-0.0
Lab Sample ID: 570-106769-29

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	210		49		7.1	ug/Kg	10		8081A	Total/NA
4,4'-DDE	1700		490		68	ug/Kg	100		8081A	Total/NA
4,4'-DDT	3600		490		120	ug/Kg	100		8081A	Total/NA
alpha-Chlordane	260		49		5.6	ug/Kg	10		8081A	Total/NA
Chlordane	1300		25		4.0	ug/Kg	1		8081A	Total/NA
delta-BHC	1.8	J p	4.9		0.92	ug/Kg	1		8081A	Total/NA
Dieldrin	240		49		5.4	ug/Kg	10		8081A	Total/NA
Endosulfan sulfate	38		4.9		0.62	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	220		49		33	ug/Kg	10		8081A	Total/NA
Heptachlor epoxide	28		4.9		0.53	ug/Kg	1		8081A	Total/NA
Toxaphene	2200	p	250		150	ug/Kg	10		8081A	Total/NA
Lead	35.9		1.98		0.405	mg/Kg	5		6010B	Total/NA

Client Sample ID: DUP 6
Lab Sample ID: 570-106769-30

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	170		50		7.1	ug/Kg	10		8081A	Total/NA
4,4'-DDE	1500		500		68	ug/Kg	100		8081A	Total/NA
4,4'-DDT	2400		500		120	ug/Kg	100		8081A	Total/NA
alpha-BHC	0.68	J p	5.0		0.59	ug/Kg	1		8081A	Total/NA
alpha-Chlordane	260		50		5.6	ug/Kg	10		8081A	Total/NA
beta-BHC	1.1	J p	5.0		0.89	ug/Kg	1		8081A	Total/NA
Chlordane	1200		25		4.1	ug/Kg	1		8081A	Total/NA
Dieldrin	180		50		5.4	ug/Kg	10		8081A	Total/NA
gamma-Chlordane	210		50		33	ug/Kg	10		8081A	Total/NA
Heptachlor epoxide	22		5.0		0.54	ug/Kg	1		8081A	Total/NA
Toxaphene	1800	p	250		150	ug/Kg	10		8081A	Total/NA
Lead	42.5		2.02		0.413	mg/Kg	5		6010B	Total/NA

Client Sample ID: SS-35-2.0
Lab Sample ID: 570-106769-31

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	6.1		5.0		0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	67		50		6.8	ug/Kg	10		8081A	Total/NA
4,4'-DDT	3.1	J	5.0		1.2	ug/Kg	1		8081A	Total/NA
alpha-Chlordane	6.9		5.0		0.56	ug/Kg	1		8081A	Total/NA
Chlordane	23	J p	25		4.1	ug/Kg	1		8081A	Total/NA
Dieldrin	340		50		5.5	ug/Kg	10		8081A	Total/NA
Endosulfan I	1.1	J p	5.0		1.1	ug/Kg	1		8081A	Total/NA
Endrin	0.91	J	5.0		0.67	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	29		5.0		0.54	ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-36-0.0 — Lab Sample ID: 570-106769-32

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	860		490		67	ug/Kg	100		8081A	Total/NA
4,4'-DDT	330		49		12	ug/Kg	10		8081A	Total/NA
alpha-Chlordane	200		49		5.5	ug/Kg	10		8081A	Total/NA
Chlordane	560	p	25		4.0	ug/Kg	1		8081A	Total/NA
Dieldrin	35		4.9		0.54	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	170		49		33	ug/Kg	10		8081A	Total/NA
Heptachlor epoxide	18		4.9		0.53	ug/Kg	1		8081A	Total/NA
Lead	20.6		2.01		0.411	mg/Kg	5		6010B	Total/NA

Client Sample ID: SS-36-2.0 — Lab Sample ID: 570-106769-33

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	7.2		5.0		0.68	ug/Kg	1		8081A	Total/NA
Chlordane	4.9	J	25		4.1	ug/Kg	1		8081A	Total/NA

Client Sample ID: SS-37-0.0 — Lab Sample ID: 570-106769-34

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	20	J	50		7.1	ug/Kg	10		8081A	Total/NA
4,4'-DDE	170		50		6.8	ug/Kg	10		8081A	Total/NA
4,4'-DDT	32		5.0		1.2	ug/Kg	1		8081A	Total/NA
alpha-Chlordane	370		50		5.6	ug/Kg	10		8081A	Total/NA
Chlordane	1600		25		4.1	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	350		50		34	ug/Kg	10		8081A	Total/NA
Heptachlor	1.0	J p	5.0		0.60	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	6.9	p	5.0		0.54	ug/Kg	1		8081A	Total/NA
Lead	34.4		2.02		0.413	mg/Kg	5		6010B	Total/NA

Client Sample ID: SS-37-2.0 — Lab Sample ID: 570-106769-35

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	9.3		5.0		0.68	ug/Kg	1		8081A	Total/NA
alpha-Chlordane	5.2		5.0		0.56	ug/Kg	1		8081A	Total/NA
Chlordane	21	J	25		4.0	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	7.5		5.0		0.53	ug/Kg	1		8081A	Total/NA

Client Sample ID: SS-38-0.0 — Lab Sample ID: 570-106769-36

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	7.9	J	50		7.1	ug/Kg	10		8081A	Total/NA
4,4'-DDE	120		50		6.8	ug/Kg	10		8081A	Total/NA
4,4'-DDT	83		50		12	ug/Kg	10		8081A	Total/NA
alpha-Chlordane	30		5.0		0.56	ug/Kg	1		8081A	Total/NA
Chlordane	150		25		4.1	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	32		5.0		3.3	ug/Kg	1		8081A	Total/NA
Lead	31.5		2.01		0.411	mg/Kg	5		6010B	Total/NA

Client Sample ID: SS-38-2.0 — Lab Sample ID: 570-106769-37

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	1.1	J	4.9		0.68	ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-39-0.0 — Lab Sample ID: 570-106769-38

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	9.9	p	5.0		0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	770		99		14	ug/Kg	20		8081A	Total/NA
4,4'-DDT	400		99		23	ug/Kg	20		8081A	Total/NA
alpha-Chlordane	170		99		11	ug/Kg	20		8081A	Total/NA
Chlordane	340	p	25		4.1	ug/Kg	1		8081A	Total/NA
Dieldrin	150		99		11	ug/Kg	20		8081A	Total/NA
Endosulfan I	4.2	J p	5.0		1.1	ug/Kg	1		8081A	Total/NA
Endosulfan II	16	p	5.0		0.54	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	110		99		67	ug/Kg	20		8081A	Total/NA
Heptachlor epoxide	9.0		5.0		0.53	ug/Kg	1		8081A	Total/NA
Toxaphene	780	p	25		15	ug/Kg	1		8081A	Total/NA
Lead	18.6		1.98		0.405	mg/Kg	5		6010B	Total/NA

Client Sample ID: DUP 7 — Lab Sample ID: 570-106769-39

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	14	p	5.0		0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	1000		500		68	ug/Kg	100		8081A	Total/NA
4,4'-DDT	440	J	500		120	ug/Kg	100		8081A	Total/NA
alpha-Chlordane	260		50		5.6	ug/Kg	10		8081A	Total/NA
Chlordane	490	p	25		4.0	ug/Kg	1		8081A	Total/NA
Dieldrin	190		50		5.4	ug/Kg	10		8081A	Total/NA
Endosulfan II	24	p	5.0		0.54	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	170		50		33	ug/Kg	10		8081A	Total/NA
Heptachlor epoxide	13		5.0		0.53	ug/Kg	1		8081A	Total/NA
Toxaphene	1100	p	25		15	ug/Kg	1		8081A	Total/NA

Client Sample ID: SS-39-2.0 — Lab Sample ID: 570-106769-40

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	2.6	J p	5.0		0.71	ug/Kg	1		8081A	Total/NA
4,4'-DDE	130		25		3.4	ug/Kg	5		8081A	Total/NA
4,4'-DDT	16		5.0		1.2	ug/Kg	1		8081A	Total/NA
alpha-Chlordane	2.5	J p	5.0		0.56	ug/Kg	1		8081A	Total/NA
Chlordane	12	J	25		4.0	ug/Kg	1		8081A	Total/NA
Dieldrin	35		5.0		0.54	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	7.5		5.0		0.53	ug/Kg	1		8081A	Total/NA

Client Sample ID: SS-40-0.0 — Lab Sample ID: 570-106769-41

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	15		5.0		0.72	ug/Kg	1		8081A	Total/NA
4,4'-DDE	590		100		14	ug/Kg	20		8081A	Total/NA
4,4'-DDT	170		100		23	ug/Kg	20		8081A	Total/NA
alpha-Chlordane	34		5.0		0.56	ug/Kg	1		8081A	Total/NA
Chlordane	86	p	25		4.1	ug/Kg	1		8081A	Total/NA
Dieldrin	11		5.0		0.55	ug/Kg	1		8081A	Total/NA
gamma-Chlordane	26		5.0		3.4	ug/Kg	1		8081A	Total/NA
Heptachlor epoxide	2.1	J p	5.0		0.54	ug/Kg	1		8081A	Total/NA
Lead	16.7		1.99		0.407	mg/Kg	5		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-40-2.0
Lab Sample ID: 570-106769-42

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	3.3	J	5.0		0.68	ug/Kg	1		8081A	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SS-23-1.0
Date Collected: 08/15/22 11:40
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-1
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11		0.060	mg/Kg		08/18/22 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*42 - 126*	*08/18/22 10:03*	*08/18/22 12:27*	*1*

Client Sample ID: SS-23-A1-0.0
Date Collected: 08/15/22 11:59
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-2
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.088		0.049	mg/Kg		08/18/22 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*75*		*42 - 126*	*08/18/22 10:03*	*08/18/22 12:51*	*1*

Client Sample ID: SS-23-B1-0.0
Date Collected: 08/15/22 12:52
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-5
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.095		0.053	mg/Kg		08/18/22 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*59*		*42 - 126*	*08/18/22 10:03*	*08/18/22 14:03*	*1*

Client Sample ID: SS-23-C1-0.0
Date Collected: 08/15/22 15:05
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-8
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.064**	**J**	0.11		0.060	mg/Kg		08/18/22 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*42 - 126*	*08/18/22 10:03*	*08/18/22 15:15*	*1*

Client Sample ID: SS-23-D1-0.0
Date Collected: 08/15/22 14:35
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-11
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.093		0.052	mg/Kg		08/18/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*08/18/22 10:03*	*08/18/22 15:39*	*1*

Client Sample ID: SS-23-D1-1.0
Date Collected: 08/15/22 14:45
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-12
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099		0.055	mg/Kg		08/29/22 12:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*42 - 126*	*08/18/22 10:03*	*08/29/22 12:31*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SS-23-D2-0.0
Date Collected: 08/15/22 14:55
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-13
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.30**		0.11		0.059	mg/Kg		08/29/22 12:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*74*		*42 - 126*	*08/18/22 10:03*	*08/29/22 12:59*	*1*

Client Sample ID: SS-24-1.0
Date Collected: 08/15/22 15:28
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-14
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.058	mg/Kg		08/18/22 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*		*42 - 126*	*08/18/22 10:03*	*08/18/22 16:03*	*1*

Client Sample ID: SS-24-A1-0.0
Date Collected: 08/15/22 15:38
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-15
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.057	mg/Kg		08/18/22 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*42 - 126*	*08/18/22 10:03*	*08/18/22 18:28*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SS-23-1.0 **Lab Sample ID: 570-106769-1**
Date Collected: 08/15/22 11:40 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	4.1	J	4.9		3.8	mg/Kg		08/20/22 07:22	1
TPH as Motor Oil (C17-C44)	ND		24		11	mg/Kg		08/20/22 07:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*86*		*60 - 138*	*08/18/22 15:17*	*08/20/22 07:22*	*1*

Client Sample ID: SS-23-A1-0.0 **Lab Sample ID: 570-106769-2**
Date Collected: 08/15/22 11:59 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	100		5.0		3.8	mg/Kg		08/22/22 12:36	1
TPH as Motor Oil (C17-C44)	150		25		11	mg/Kg		08/22/22 12:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*99*		*60 - 138*	*08/18/22 15:17*	*08/22/22 12:36*	*1*

Client Sample ID: SS-23-B1-0.0 **Lab Sample ID: 570-106769-5**
Date Collected: 08/15/22 12:52 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	110		5.0		3.8	mg/Kg		08/22/22 12:56	1
TPH as Motor Oil (C17-C44)	160		25		11	mg/Kg		08/22/22 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*102*		*60 - 138*	*08/18/22 15:17*	*08/22/22 12:56*	*1*

Client Sample ID: SS-23-C1-0.0 **Lab Sample ID: 570-106769-8**
Date Collected: 08/15/22 15:05 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	59		5.1		3.9	mg/Kg		08/22/22 13:17	1
TPH as Motor Oil (C17-C44)	120		25		12	mg/Kg		08/22/22 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*60 - 138*	*08/18/22 15:17*	*08/22/22 13:17*	*1*

Client Sample ID: SS-23-D1-1.0 **Lab Sample ID: 570-106769-12**
Date Collected: 08/15/22 14:45 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	13		4.9		3.8	mg/Kg		08/29/22 20:48	1
TPH as Motor Oil (C17-C44)	19	J	24		11	mg/Kg		08/29/22 20:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*60 - 138*	*08/28/22 10:21*	*08/29/22 20:48*	*1*

Client Sample ID: SS-23-D2-0.0 **Lab Sample ID: 570-106769-13**
Date Collected: 08/15/22 14:55 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	1600		24		19	mg/Kg		08/30/22 09:47	5
TPH as Motor Oil (C17-C44)	1500		120		56	mg/Kg		08/30/22 09:47	5

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*99*		*60 - 138*	*08/28/22 10:21*	*08/30/22 09:47*	*5*

Client Sample ID: SS-24-1.0 **Lab Sample ID: 570-106769-14**
Date Collected: 08/15/22 15:28 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		4.9		3.8	mg/Kg		08/22/22 13:58	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/22/22 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*93*		*60 - 138*	*08/18/22 15:17*	*08/22/22 13:58*	*1*

Client Sample ID: SS-24-A1-0.0 **Lab Sample ID: 570-106769-15**
Date Collected: 08/15/22 15:38 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**48**		4.9		3.8	mg/Kg		08/25/22 00:29	1
TPH as Motor Oil (C17-C44)	**100**		25		11	mg/Kg		08/25/22 00:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*89*		*60 - 138*	*08/18/22 15:17*	*08/25/22 00:29*	*1*

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method: 8015B - Diesel Range Organics (DRO) (GC) - RA2

Client Sample ID: SS-23-D1-0.0
Date Collected: 08/15/22 14:35
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-11
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	920		9.9		7.6	mg/Kg		08/25/22 09:07	2
TPH as Motor Oil (C17-C44)	860		50		23	mg/Kg		08/25/22 09:07	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*60 - 138*	*08/18/22 15:17*	*08/25/22 09:07*	*2*

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: SS-30-0.0
Date Collected: 08/15/22 09:30
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-18
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND	F2	5.0		0.71	ug/Kg		08/22/22 07:01	1
4,4'-DDE	**450**		99		14	ug/Kg		08/22/22 15:02	20
4,4'-DDT	**290**		99		23	ug/Kg		08/22/22 15:02	20
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 07:01	1
alpha-BHC	ND		5.0		0.58	ug/Kg		08/22/22 07:01	1
alpha-Chlordane	ND	F2 F1	5.0		0.56	ug/Kg		08/22/22 07:01	1
beta-BHC	ND		5.0		0.89	ug/Kg		08/22/22 07:01	1
Chlordane	**1800**		25		4.0	ug/Kg		08/22/22 07:01	1
delta-BHC	ND		5.0		0.92	ug/Kg		08/22/22 07:01	1
Dieldrin	ND	F2 F1	5.0		0.54	ug/Kg		08/22/22 07:01	1
Endosulfan I	ND	F2	5.0		1.1	ug/Kg		08/22/22 07:01	1
Endosulfan II	ND	F2 F1	5.0		0.54	ug/Kg		08/22/22 07:01	1
Endosulfan sulfate	ND	F1	5.0		0.62	ug/Kg		08/22/22 07:01	1
Endrin	ND	F1	5.0		0.67	ug/Kg		08/22/22 07:01	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 07:01	1
Endrin ketone	ND		5.0		0.89	ug/Kg		08/22/22 07:01	1
gamma-Chlordane	**320**		99		67	ug/Kg		08/22/22 15:02	20
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 07:01	1
Heptachlor	**1.9**	**J**	5.0		0.59	ug/Kg		08/22/22 07:01	1
Heptachlor epoxide	**8.4**	**p**	5.0		0.53	ug/Kg		08/22/22 07:01	1
Methoxychlor	ND	F2 F1	5.0		1.2	ug/Kg		08/22/22 07:01	1
Toxaphene	ND	p	25		15	ug/Kg		08/22/22 07:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*72*		*38 - 148*	*08/18/22 13:05*	*08/22/22 07:01*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*	*08/18/22 13:05*	*08/22/22 15:02*	*20*
DCB Decachlorobiphenyl (Surr)	*101*		*37 - 151*	*08/18/22 13:05*	*08/22/22 07:01*	*1*
DCB Decachlorobiphenyl (Surr)	*60*		*37 - 151*	*08/18/22 13:05*	*08/22/22 15:02*	*20*

Client Sample ID: DUP 5
Date Collected: 08/15/22 09:30
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-19
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		0.70	ug/Kg		08/22/22 07:16	1
4,4'-DDE	**550**		250		34	ug/Kg		08/22/22 15:17	50
4,4'-DDT	**420**		250		58	ug/Kg		08/22/22 15:17	50
Aldrin	ND		4.9		1.6	ug/Kg		08/22/22 07:16	1
alpha-BHC	ND		4.9		0.58	ug/Kg		08/22/22 07:16	1
alpha-Chlordane	**500**		250		28	ug/Kg		08/22/22 15:17	50
beta-BHC	ND		4.9		0.88	ug/Kg		08/22/22 07:16	1
Chlordane	**2100**		25		4.0	ug/Kg		08/22/22 07:16	1
delta-BHC	ND		4.9		0.92	ug/Kg		08/22/22 07:16	1
Dieldrin	ND		4.9		0.54	ug/Kg		08/22/22 07:16	1
Endosulfan I	ND		4.9		1.1	ug/Kg		08/22/22 07:16	1
Endosulfan II	ND		4.9		0.54	ug/Kg		08/22/22 07:16	1
Endosulfan sulfate	ND		4.9		0.62	ug/Kg		08/22/22 07:16	1
Endrin	ND		4.9		0.66	ug/Kg		08/22/22 07:16	1
Endrin aldehyde	ND		4.9		3.3	ug/Kg		08/22/22 07:16	1
Endrin ketone	ND		4.9		0.88	ug/Kg		08/22/22 07:16	1
gamma-Chlordane	**500**		250		170	ug/Kg		08/22/22 15:17	50

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: DUP 5
Date Collected: 08/15/22 09:30
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-19
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
gamma-BHC	ND		4.9		0.51	ug/Kg		08/22/22 07:16	1
Heptachlor	**2.9**	**J**	4.9		0.59	ug/Kg		08/22/22 07:16	1
Heptachlor epoxide	**8.9**	**p**	4.9		0.53	ug/Kg		08/22/22 07:16	1
Methoxychlor	ND	p	4.9		1.2	ug/Kg		08/22/22 07:16	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 07:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*65*		*38 - 148*	*08/18/22 13:05*	*08/22/22 07:16*	*1*
Tetrachloro-m-xylene (Surr)	*89*		*38 - 148*	*08/18/22 13:05*	*08/22/22 15:17*	*50*
DCB Decachlorobiphenyl (Surr)	*102*		*37 - 151*	*08/18/22 13:05*	*08/22/22 07:16*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*37 - 151*	*08/18/22 13:05*	*08/22/22 15:17*	*50*

Client Sample ID: SS-30-2.0
Date Collected: 08/15/22 09:35
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-20
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		0.71	ug/Kg		08/22/22 07:31	1
4,4'-DDE	**10**		5.0		0.68	ug/Kg		08/22/22 07:31	1
4,4'-DDT	**2.7**	**J**	5.0		1.2	ug/Kg		08/22/22 07:31	1
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 07:31	1
alpha-BHC	ND		5.0		0.58	ug/Kg		08/22/22 07:31	1
alpha-Chlordane	**0.84**	**J p**	5.0		0.56	ug/Kg		08/22/22 07:31	1
beta-BHC	ND		5.0		0.89	ug/Kg		08/22/22 07:31	1
Chlordane	**5.8**	**J**	25		4.1	ug/Kg		08/22/22 07:31	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 07:31	1
Dieldrin	ND		5.0		0.54	ug/Kg		08/22/22 07:31	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 07:31	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 07:31	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 07:31	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 07:31	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 07:31	1
Endrin ketone	ND		5.0		0.89	ug/Kg		08/22/22 07:31	1
gamma-Chlordane	ND		5.0		3.3	ug/Kg		08/22/22 07:31	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 07:31	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/22/22 07:31	1
Heptachlor epoxide	ND		5.0		0.53	ug/Kg		08/22/22 07:31	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 07:31	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 07:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*79*		*38 - 148*	*08/18/22 13:05*	*08/22/22 07:31*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*37 - 151*	*08/18/22 13:05*	*08/22/22 07:31*	*1*

Client Sample ID: SS-31-0.0
Date Collected: 08/15/22 10:39
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-21
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		0.70	ug/Kg		08/22/22 07:46	1
4,4'-DDE	**1800**		490		67	ug/Kg		08/22/22 15:32	100
4,4'-DDT	**500**		490		120	ug/Kg		08/22/22 15:32	100

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SS-31-0.0
Date Collected: 08/15/22 10:39
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-21
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Aldrin	ND		4.9		1.6	ug/Kg		08/22/22 07:46	1
alpha-BHC	ND		4.9		0.58	ug/Kg		08/22/22 07:46	1
alpha-Chlordane	**20**		4.9		0.55	ug/Kg		08/22/22 07:46	1
beta-BHC	ND		4.9		0.88	ug/Kg		08/22/22 07:46	1
Chlordane	ND		25		4.0	ug/Kg		08/22/22 07:46	1
delta-BHC	ND		4.9		0.91	ug/Kg		08/22/22 07:46	1
Dieldrin	**210**	**J**	490		54	ug/Kg		08/22/22 15:32	100
Endosulfan I	ND		4.9		1.0	ug/Kg		08/22/22 07:46	1
Endosulfan II	ND		4.9		0.54	ug/Kg		08/22/22 07:46	1
Endosulfan sulfate	ND		4.9		0.62	ug/Kg		08/22/22 07:46	1
Endrin	ND		4.9		0.66	ug/Kg		08/22/22 07:46	1
Endrin aldehyde	ND		4.9		3.2	ug/Kg		08/22/22 07:46	1
Endrin ketone	**9.5**		4.9		0.88	ug/Kg		08/22/22 07:46	1
gamma-Chlordane	ND		4.9		3.3	ug/Kg		08/22/22 07:46	1
gamma-BHC	ND		4.9		0.50	ug/Kg		08/22/22 07:46	1
Heptachlor	ND		4.9		0.59	ug/Kg		08/22/22 07:46	1
Heptachlor epoxide	ND		4.9		0.53	ug/Kg		08/22/22 07:46	1
Methoxychlor	ND		4.9		1.2	ug/Kg		08/22/22 07:46	1
Toxaphene	**1000**	**p**	25		15	ug/Kg		08/22/22 07:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*66*		*38 - 148*	*08/18/22 13:05*	*08/22/22 07:46*	*1*
Tetrachloro-m-xylene (Surr)	*108*		*38 - 148*	*08/18/22 13:05*	*08/22/22 15:32*	*100*
DCB Decachlorobiphenyl (Surr)	*95*		*37 - 151*	*08/18/22 13:05*	*08/22/22 07:46*	*1*
DCB Decachlorobiphenyl (Surr)	*120*		*37 - 151*	*08/18/22 13:05*	*08/22/22 15:32*	*100*

Client Sample ID: SS-31-2.0
Date Collected: 08/15/22 10:45
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-22
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		250		35	ug/Kg		08/22/22 15:47	50
4,4'-DDE	**460**		250		34	ug/Kg		08/22/22 15:47	50
4,4'-DDT	ND		250		58	ug/Kg		08/22/22 15:47	50
Aldrin	ND		250		78	ug/Kg		08/22/22 15:47	50
alpha-BHC	ND		250		29	ug/Kg		08/22/22 15:47	50
alpha-Chlordane	ND		250		28	ug/Kg		08/22/22 15:47	50
beta-BHC	ND		250		44	ug/Kg		08/22/22 15:47	50
Chlordane	ND		1200		200	ug/Kg		08/22/22 15:47	50
delta-BHC	ND		250		46	ug/Kg		08/22/22 15:47	50
Dieldrin	**42**	**J**	250		27	ug/Kg		08/22/22 15:47	50
Endosulfan I	ND		250		53	ug/Kg		08/22/22 15:47	50
Endosulfan II	ND		250		27	ug/Kg		08/22/22 15:47	50
Endosulfan sulfate	ND		250		31	ug/Kg		08/22/22 15:47	50
Endrin	ND		250		33	ug/Kg		08/22/22 15:47	50
Endrin aldehyde	ND		250		160	ug/Kg		08/22/22 15:47	50
Endrin ketone	ND		250		44	ug/Kg		08/22/22 15:47	50
gamma-Chlordane	ND		250		170	ug/Kg		08/22/22 15:47	50
gamma-BHC	ND		250		25	ug/Kg		08/22/22 15:47	50
Heptachlor	ND		250		30	ug/Kg		08/22/22 15:47	50
Heptachlor epoxide	ND		250		27	ug/Kg		08/22/22 15:47	50

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SS-31-2.0
Date Collected: 08/15/22 10:45
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-22
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Methoxychlor	ND		250		58	ug/Kg		08/22/22 15:47	50
Toxaphene	ND		1200		760	ug/Kg		08/22/22 15:47	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*127*		*38 - 148*	*08/18/22 13:05*	*08/22/22 15:47*	*50*
DCB Decachlorobiphenyl (Surr)	*141*		*37 - 151*	*08/18/22 13:05*	*08/22/22 15:47*	*50*

Client Sample ID: SS-32-0.0
Date Collected: 08/15/22 09:55
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-23
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		250		36	ug/Kg		08/22/22 16:02	50
4,4'-DDE	**610**		250		34	ug/Kg		08/22/22 16:02	50
4,4'-DDT	**650**		250		59	ug/Kg		08/22/22 16:02	50
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 08:17	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/22/22 08:17	1
alpha-Chlordane	**920**		250		28	ug/Kg		08/22/22 16:02	50
beta-BHC	ND		5.0		0.90	ug/Kg		08/22/22 08:17	1
Chlordane	**3400**		1200		200	ug/Kg		08/22/22 16:02	50
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 08:17	1
Dieldrin	**29**	**p**	5.0		0.55	ug/Kg		08/22/22 08:17	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 08:17	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 08:17	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 08:17	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 08:17	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 08:17	1
Endrin ketone	ND		5.0		0.90	ug/Kg		08/22/22 08:17	1
gamma-Chlordane	**870**		250		170	ug/Kg		08/22/22 16:02	50
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 08:17	1
Heptachlor	**4.8**	**J**	5.0		0.60	ug/Kg		08/22/22 08:17	1
Heptachlor epoxide	**24**	**p**	5.0		0.54	ug/Kg		08/22/22 08:17	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 08:17	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 08:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*80*	*p*	*38 - 148*	*08/18/22 13:05*	*08/22/22 08:17*	*1*
Tetrachloro-m-xylene (Surr)	*109*	*p*	*38 - 148*	*08/18/22 13:05*	*08/22/22 16:02*	*50*
DCB Decachlorobiphenyl (Surr)	*96*		*37 - 151*	*08/18/22 13:05*	*08/22/22 08:17*	*1*
DCB Decachlorobiphenyl (Surr)	*139*		*37 - 151*	*08/18/22 13:05*	*08/22/22 16:02*	*50*

Client Sample ID: SS-32-2.0
Date Collected: 08/15/22 09:58
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-24
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		0.71	ug/Kg		08/22/22 08:32	1
4,4'-DDE	**5.0**		5.0		0.68	ug/Kg		08/22/22 08:32	1
4,4'-DDT	**1.6**	**J**	5.0		1.2	ug/Kg		08/22/22 08:32	1
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 08:32	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/22/22 08:32	1
alpha-Chlordane	**2.4**	**J**	5.0		0.56	ug/Kg		08/22/22 08:32	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SS-32-2.0
Date Collected: 08/15/22 09:58
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-24
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
beta-BHC	ND		5.0		0.89	ug/Kg		08/22/22 08:32	1
Chlordane	**12**	**J**	25		4.1	ug/Kg		08/22/22 08:32	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 08:32	1
Dieldrin	**0.63**	**J p**	5.0		0.54	ug/Kg		08/22/22 08:32	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 08:32	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 08:32	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 08:32	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 08:32	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 08:32	1
Endrin ketone	ND		5.0		0.89	ug/Kg		08/22/22 08:32	1
gamma-Chlordane	ND		5.0		3.4	ug/Kg		08/22/22 08:32	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 08:32	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/22/22 08:32	1
Heptachlor epoxide	**2.1**	**J**	5.0		0.54	ug/Kg		08/22/22 08:32	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 08:32	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*73*		*38 - 148*	*08/18/22 13:05*	*08/22/22 08:32*	*1*
DCB Decachlorobiphenyl (Surr)	*102*		*37 - 151*	*08/18/22 13:05*	*08/22/22 08:32*	*1*

Client Sample ID: SS-33-0.0
Date Collected: 08/15/22 09:15
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-25
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**34**		4.9		0.70	ug/Kg		08/22/22 08:47	1
4,4'-DDE	**170**		49		6.7	ug/Kg		08/22/22 16:17	10
4,4'-DDT	**160**		49		12	ug/Kg		08/22/22 16:17	10
Aldrin	ND		4.9		1.6	ug/Kg		08/22/22 08:47	1
alpha-BHC	ND		4.9		0.58	ug/Kg		08/22/22 08:47	1
alpha-Chlordane	**74**		49		5.6	ug/Kg		08/22/22 16:17	10
beta-BHC	ND		4.9		0.88	ug/Kg		08/22/22 08:47	1
Chlordane	**330**		25		4.0	ug/Kg		08/22/22 08:47	1
delta-BHC	ND		4.9		0.92	ug/Kg		08/22/22 08:47	1
Dieldrin	ND		4.9		0.54	ug/Kg		08/22/22 08:47	1
Endosulfan I	ND		4.9		1.1	ug/Kg		08/22/22 08:47	1
Endosulfan II	ND		4.9		0.54	ug/Kg		08/22/22 08:47	1
Endosulfan sulfate	ND		4.9		0.62	ug/Kg		08/22/22 08:47	1
Endrin	ND		4.9		0.66	ug/Kg		08/22/22 08:47	1
Endrin aldehyde	ND		4.9		3.3	ug/Kg		08/22/22 08:47	1
Endrin ketone	ND		4.9		0.89	ug/Kg		08/22/22 08:47	1
gamma-Chlordane	**66**		49		33	ug/Kg		08/22/22 16:17	10
gamma-BHC	ND		4.9		0.51	ug/Kg		08/22/22 08:47	1
Heptachlor	ND		4.9		0.59	ug/Kg		08/22/22 08:47	1
Heptachlor epoxide	**1.6**	**J p**	4.9		0.53	ug/Kg		08/22/22 08:47	1
Methoxychlor	ND		4.9		1.2	ug/Kg		08/22/22 08:47	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*47*	*p*	*38 - 148*	*08/18/22 13:05*	*08/22/22 08:47*	*1*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SS-33-0.0
Date Collected: 08/15/22 09:15
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-25
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*60*		*38 - 148*	*08/18/22 13:05*	*08/22/22 16:17*	*10*
DCB Decachlorobiphenyl (Surr)	*88*		*37 - 151*	*08/18/22 13:05*	*08/22/22 08:47*	*1*
DCB Decachlorobiphenyl (Surr)	*41*		*37 - 151*	*08/18/22 13:05*	*08/22/22 16:17*	*10*

Client Sample ID: SS-33-2.0
Date Collected: 08/15/22 09:18
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-26
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**1.5**	**J**	5.0		0.71	ug/Kg		08/22/22 09:02	1
4,4'-DDE	**8.0**		5.0		0.68	ug/Kg		08/22/22 09:02	1
4,4'-DDT	**2.2**	**J p**	5.0		1.2	ug/Kg		08/22/22 09:02	1
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 09:02	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/22/22 09:02	1
alpha-Chlordane	**5.7**		5.0		0.56	ug/Kg		08/22/22 09:02	1
beta-BHC	ND		5.0		0.89	ug/Kg		08/22/22 09:02	1
Chlordane	**23**	**J**	25		4.1	ug/Kg		08/22/22 09:02	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 09:02	1
Dieldrin	**1.9**	**J p**	5.0		0.54	ug/Kg		08/22/22 09:02	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 09:02	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 09:02	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 09:02	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 09:02	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 09:02	1
Endrin ketone	ND		5.0		0.89	ug/Kg		08/22/22 09:02	1
gamma-Chlordane	**4.4**	**J**	5.0		3.4	ug/Kg		08/22/22 09:02	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 09:02	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/22/22 09:02	1
Heptachlor epoxide	**4.2**	**J**	5.0		0.54	ug/Kg		08/22/22 09:02	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 09:02	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 09:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*67*		*38 - 148*	*08/18/22 13:05*	*08/22/22 09:02*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*37 - 151*	*08/18/22 13:05*	*08/22/22 09:02*	*1*

Client Sample ID: SS-34-0.0
Date Collected: 08/15/22 09:43
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-27
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**37**	**J**	98		14	ug/Kg		08/22/22 16:32	20
4,4'-DDE	**370**		98		13	ug/Kg		08/22/22 16:32	20
4,4'-DDT	**420**		98		23	ug/Kg		08/22/22 16:32	20
Aldrin	ND		4.9		1.6	ug/Kg		08/22/22 09:17	1
alpha-BHC	ND		4.9		0.58	ug/Kg		08/22/22 09:17	1
alpha-Chlordane	**170**		98		11	ug/Kg		08/22/22 16:32	20
beta-BHC	ND		4.9		0.88	ug/Kg		08/22/22 09:17	1
Chlordane	**670**		25		4.0	ug/Kg		08/22/22 09:17	1
delta-BHC	ND		4.9		0.92	ug/Kg		08/22/22 09:17	1
Dieldrin	ND		4.9		0.54	ug/Kg		08/22/22 09:17	1
Endosulfan I	ND		4.9		1.1	ug/Kg		08/22/22 09:17	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SS-34-0.0
Date Collected: 08/15/22 09:43
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-27
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Endosulfan II	ND		4.9		0.54	ug/Kg		08/22/22 09:17	1
Endosulfan sulfate	ND		4.9		0.62	ug/Kg		08/22/22 09:17	1
Endrin	ND		4.9		0.66	ug/Kg		08/22/22 09:17	1
Endrin aldehyde	ND		4.9		3.3	ug/Kg		08/22/22 09:17	1
Endrin ketone	ND		4.9		0.88	ug/Kg		08/22/22 09:17	1
gamma-Chlordane	**160**		98		66	ug/Kg		08/22/22 16:32	20
gamma-BHC	ND		4.9		0.51	ug/Kg		08/22/22 09:17	1
Heptachlor	**1.0**	**J**	4.9		0.59	ug/Kg		08/22/22 09:17	1
Heptachlor epoxide	**6.1**	**p**	4.9		0.53	ug/Kg		08/22/22 09:17	1
Methoxychlor	ND		4.9		1.2	ug/Kg		08/22/22 09:17	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 09:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*	*08/18/22 13:05*	*08/22/22 09:17*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*38 - 148*	*08/18/22 13:05*	*08/22/22 16:32*	*20*
DCB Decachlorobiphenyl (Surr)	*116*		*37 - 151*	*08/18/22 13:05*	*08/22/22 09:17*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*37 - 151*	*08/18/22 13:05*	*08/22/22 16:32*	*20*

Client Sample ID: SS-34-2.0
Date Collected: 08/15/22 09:48
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-28
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		0.71	ug/Kg		08/22/22 09:32	1
4,4'-DDE	**1.2**	**J**	5.0		0.68	ug/Kg		08/22/22 09:32	1
4,4'-DDT	ND		5.0		1.2	ug/Kg		08/22/22 09:32	1
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 09:32	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/22/22 09:32	1
alpha-Chlordane	ND		5.0		0.56	ug/Kg		08/22/22 09:32	1
beta-BHC	ND		5.0		0.90	ug/Kg		08/22/22 09:32	1
Chlordane	ND		25		4.1	ug/Kg		08/22/22 09:32	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 09:32	1
Dieldrin	ND		5.0		0.55	ug/Kg		08/22/22 09:32	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 09:32	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 09:32	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 09:32	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 09:32	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 09:32	1
Endrin ketone	ND		5.0		0.90	ug/Kg		08/22/22 09:32	1
gamma-Chlordane	ND		5.0		3.4	ug/Kg		08/22/22 09:32	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 09:32	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/22/22 09:32	1
Heptachlor epoxide	ND		5.0		0.54	ug/Kg		08/22/22 09:32	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 09:32	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 09:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*74*		*38 - 148*	*08/18/22 13:05*	*08/22/22 09:32*	*1*
DCB Decachlorobiphenyl (Surr)	*91*		*37 - 151*	*08/18/22 13:05*	*08/22/22 09:32*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: SS-35-0.0
Date Collected: 08/15/22 09:23
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-29
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**210**		49		7.1	ug/Kg		08/22/22 16:47	10
4,4'-DDE	**1700**		490		68	ug/Kg		08/22/22 17:02	100
4,4'-DDT	**3600**		490		120	ug/Kg		08/22/22 17:02	100
Aldrin	ND		4.9		1.6	ug/Kg		08/22/22 09:47	1
alpha-BHC	ND		4.9		0.58	ug/Kg		08/22/22 09:47	1
alpha-Chlordane	**260**		49		5.6	ug/Kg		08/22/22 16:47	10
beta-BHC	ND		4.9		0.89	ug/Kg		08/22/22 09:47	1
Chlordane	**1300**		25		4.0	ug/Kg		08/22/22 09:47	1
delta-BHC	**1.8**	**J p**	4.9		0.92	ug/Kg		08/22/22 09:47	1
Dieldrin	**240**		49		5.4	ug/Kg		08/22/22 16:47	10
Endosulfan I	ND		4.9		1.1	ug/Kg		08/22/22 09:47	1
Endosulfan II	ND		49		5.4	ug/Kg		08/22/22 16:47	10
Endosulfan sulfate	**38**		4.9		0.62	ug/Kg		08/22/22 09:47	1
Endrin	ND		4.9		0.67	ug/Kg		08/22/22 09:47	1
Endrin aldehyde	ND		4.9		3.3	ug/Kg		08/22/22 09:47	1
Endrin ketone	ND		4.9		0.89	ug/Kg		08/22/22 09:47	1
gamma-Chlordane	**220**		49		33	ug/Kg		08/22/22 16:47	10
gamma-BHC	ND		4.9		0.51	ug/Kg		08/22/22 09:47	1
Heptachlor	ND		4.9		0.59	ug/Kg		08/22/22 09:47	1
Heptachlor epoxide	**28**		4.9		0.53	ug/Kg		08/22/22 09:47	1
Methoxychlor	ND		4.9		1.2	ug/Kg		08/22/22 09:47	1
Toxaphene	**2200**	**p**	250		150	ug/Kg		08/22/22 16:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*64*	*p*	*38 - 148*	*08/18/22 13:05*	*08/22/22 09:47*	*1*
Tetrachloro-m-xylene (Surr)	*79*		*38 - 148*	*08/18/22 13:05*	*08/22/22 16:47*	*10*
Tetrachloro-m-xylene (Surr)	*126*		*38 - 148*	*08/18/22 13:05*	*08/22/22 17:02*	*100*
DCB Decachlorobiphenyl (Surr)	*90*		*37 - 151*	*08/18/22 13:05*	*08/22/22 09:47*	*1*
DCB Decachlorobiphenyl (Surr)	*91*		*37 - 151*	*08/18/22 13:05*	*08/22/22 16:47*	*10*
DCB Decachlorobiphenyl (Surr)	*109*		*37 - 151*	*08/18/22 13:05*	*08/22/22 17:02*	*100*

Client Sample ID: DUP 6
Date Collected: 08/15/22 09:23
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-30
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**170**		50		7.1	ug/Kg		08/22/22 17:17	10
4,4'-DDE	**1500**		500		68	ug/Kg		08/22/22 17:32	100
4,4'-DDT	**2400**		500		120	ug/Kg		08/22/22 17:32	100
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 10:02	1
alpha-BHC	**0.68**	**J p**	5.0		0.59	ug/Kg		08/22/22 10:02	1
alpha-Chlordane	**260**		50		5.6	ug/Kg		08/22/22 17:17	10
beta-BHC	**1.1**	**J p**	5.0		0.89	ug/Kg		08/22/22 10:02	1
Chlordane	**1200**		25		4.1	ug/Kg		08/22/22 10:02	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 10:02	1
Dieldrin	**180**		50		5.4	ug/Kg		08/22/22 17:17	10
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 10:02	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 10:02	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 10:02	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 10:02	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 10:02	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: DUP 6
Date Collected: 08/15/22 09:23
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-30
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Endrin ketone	ND		5.0		0.89	ug/Kg		08/22/22 10:02	1
gamma-Chlordane	**210**		50		33	ug/Kg		08/22/22 17:17	10
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 10:02	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/22/22 10:02	1
Heptachlor epoxide	**22**		5.0		0.54	ug/Kg		08/22/22 10:02	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 10:02	1
Toxaphene	**1800**	**p**	250		150	ug/Kg		08/22/22 17:17	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*65*	*p*	*38 - 148*	*08/18/22 13:05*	*08/22/22 10:02*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*	*08/18/22 13:05*	*08/22/22 17:17*	*10*
Tetrachloro-m-xylene (Surr)	*108*		*38 - 148*	*08/18/22 13:05*	*08/22/22 17:32*	*100*
DCB Decachlorobiphenyl (Surr)	*86*		*37 - 151*	*08/18/22 13:05*	*08/22/22 10:02*	*1*
DCB Decachlorobiphenyl (Surr)	*64*		*37 - 151*	*08/18/22 13:05*	*08/22/22 17:17*	*10*
DCB Decachlorobiphenyl (Surr)	*76*		*37 - 151*	*08/18/22 13:05*	*08/22/22 17:32*	*100*

Client Sample ID: SS-35-2.0
Date Collected: 08/15/22 09:28
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-31
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**6.1**		5.0		0.71	ug/Kg		08/22/22 10:17	1
4,4'-DDE	**67**		50		6.8	ug/Kg		08/22/22 17:47	10
4,4'-DDT	**3.1**	**J**	5.0		1.2	ug/Kg		08/22/22 10:17	1
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 10:17	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/22/22 10:17	1
alpha-Chlordane	**6.9**		5.0		0.56	ug/Kg		08/22/22 10:17	1
beta-BHC	ND		5.0		0.89	ug/Kg		08/22/22 10:17	1
Chlordane	**23**	**J p**	25		4.1	ug/Kg		08/22/22 10:17	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 10:17	1
Dieldrin	**340**		50		5.5	ug/Kg		08/22/22 17:47	10
Endosulfan I	**1.1**	**J p**	5.0		1.1	ug/Kg		08/22/22 10:17	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 10:17	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 10:17	1
Endrin	**0.91**	**J**	5.0		0.67	ug/Kg		08/22/22 10:17	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 10:17	1
Endrin ketone	ND		5.0		0.90	ug/Kg		08/22/22 10:17	1
gamma-Chlordane	ND		5.0		3.4	ug/Kg		08/22/22 10:17	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 10:17	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/22/22 10:17	1
Heptachlor epoxide	**29**		5.0		0.54	ug/Kg		08/22/22 10:17	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 10:17	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 10:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*69*		*38 - 148*	*08/18/22 13:05*	*08/22/22 10:17*	*1*
Tetrachloro-m-xylene (Surr)	*92*		*38 - 148*	*08/18/22 13:05*	*08/22/22 17:47*	*10*
DCB Decachlorobiphenyl (Surr)	*125*		*37 - 151*	*08/18/22 13:05*	*08/22/22 10:17*	*1*
DCB Decachlorobiphenyl (Surr)	*68*		*37 - 151*	*08/18/22 13:05*	*08/22/22 17:47*	*10*

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: SS-36-0.0 **Lab Sample ID: 570-106769-32**
Date Collected: 08/15/22 10:02 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		49		7.0	ug/Kg		08/22/22 18:02	10
4,4'-DDE	**860**		490		67	ug/Kg		08/22/22 18:17	100
4,4'-DDT	**330**		49		12	ug/Kg		08/22/22 18:02	10
Aldrin	ND		4.9		1.6	ug/Kg		08/22/22 10:32	1
alpha-BHC	ND		4.9		0.58	ug/Kg		08/22/22 10:32	1
alpha-Chlordane	**200**		49		5.5	ug/Kg		08/22/22 18:02	10
beta-BHC	ND		4.9		0.88	ug/Kg		08/22/22 10:32	1
Chlordane	**560**	**p**	25		4.0	ug/Kg		08/22/22 10:32	1
delta-BHC	ND		4.9		0.92	ug/Kg		08/22/22 10:32	1
Dieldrin	**35**		4.9		0.54	ug/Kg		08/22/22 10:32	1
Endosulfan I	ND		4.9		1.0	ug/Kg		08/22/22 10:32	1
Endosulfan II	ND		4.9		0.54	ug/Kg		08/22/22 10:32	1
Endosulfan sulfate	ND		4.9		0.62	ug/Kg		08/22/22 10:32	1
Endrin	ND		4.9		0.66	ug/Kg		08/22/22 10:32	1
Endrin aldehyde	ND		4.9		3.3	ug/Kg		08/22/22 10:32	1
Endrin ketone	ND		4.9		0.88	ug/Kg		08/22/22 10:32	1
gamma-Chlordane	**170**		49		33	ug/Kg		08/22/22 18:02	10
gamma-BHC	ND		4.9		0.51	ug/Kg		08/22/22 10:32	1
Heptachlor	ND		4.9		0.59	ug/Kg		08/22/22 10:32	1
Heptachlor epoxide	**18**		4.9		0.53	ug/Kg		08/22/22 10:32	1
Methoxychlor	ND		4.9		1.2	ug/Kg		08/22/22 10:32	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 10:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*28*	*S1-*	*38 - 148*	*08/18/22 13:05*	*08/22/22 10:32*	*1*
Tetrachloro-m-xylene (Surr)	*3*	*S1-*	*38 - 148*	*08/18/22 13:05*	*08/22/22 18:02*	*10*
Tetrachloro-m-xylene (Surr)	*0.1*	*p S1-*	*38 - 148*	*08/18/22 13:05*	*08/22/22 18:17*	*100*
DCB Decachlorobiphenyl (Surr)	*74*		*37 - 151*	*08/18/22 13:05*	*08/22/22 10:32*	*1*
DCB Decachlorobiphenyl (Surr)	*251*	*S1+*	*37 - 151*	*08/18/22 13:05*	*08/22/22 18:02*	*10*
DCB Decachlorobiphenyl (Surr)	*53*		*37 - 151*	*08/18/22 13:05*	*08/22/22 18:17*	*100*

Client Sample ID: SS-36-2.0 **Lab Sample ID: 570-106769-33**
Date Collected: 08/15/22 10:07 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		0.71	ug/Kg		08/22/22 10:47	1
4,4'-DDE	**7.2**		5.0		0.68	ug/Kg		08/22/22 10:47	1
4,4'-DDT	ND		5.0		1.2	ug/Kg		08/22/22 10:47	1
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 10:47	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/22/22 10:47	1
alpha-Chlordane	ND		5.0		0.56	ug/Kg		08/22/22 10:47	1
beta-BHC	ND		5.0		0.89	ug/Kg		08/22/22 10:47	1
Chlordane	**4.9**	**J**	25		4.1	ug/Kg		08/22/22 10:47	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 10:47	1
Dieldrin	ND		5.0		0.54	ug/Kg		08/22/22 10:47	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 10:47	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 10:47	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 10:47	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 10:47	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 10:47	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SS-36-2.0
Date Collected: 08/15/22 10:07
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-33
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Endrin ketone	ND		5.0		0.89	ug/Kg		08/22/22 10:47	1
gamma-Chlordane	ND		5.0		3.3	ug/Kg		08/22/22 10:47	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 10:47	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/22/22 10:47	1
Heptachlor epoxide	ND		5.0		0.54	ug/Kg		08/22/22 10:47	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 10:47	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*73*		*38 - 148*	*08/18/22 13:05*	*08/22/22 10:47*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*37 - 151*	*08/18/22 13:05*	*08/22/22 10:47*	*1*

Client Sample ID: SS-37-0.0
Date Collected: 08/15/22 10:29
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-34
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**20**	**J**	50		7.1	ug/Kg		08/22/22 18:33	10
4,4'-DDE	**170**		50		6.8	ug/Kg		08/22/22 18:33	10
4,4'-DDT	**32**		5.0		1.2	ug/Kg		08/22/22 11:02	1
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 11:02	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/22/22 11:02	1
alpha-Chlordane	**370**		50		5.6	ug/Kg		08/22/22 18:33	10
beta-BHC	ND		5.0		0.90	ug/Kg		08/22/22 11:02	1
Chlordane	**1600**		25		4.1	ug/Kg		08/22/22 11:02	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 11:02	1
Dieldrin	ND		5.0		0.55	ug/Kg		08/22/22 11:02	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 11:02	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 11:02	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 11:02	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 11:02	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 11:02	1
Endrin ketone	ND		5.0		0.90	ug/Kg		08/22/22 11:02	1
gamma-Chlordane	**350**		50		34	ug/Kg		08/22/22 18:33	10
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 11:02	1
Heptachlor	**1.0**	**J p**	5.0		0.60	ug/Kg		08/22/22 11:02	1
Heptachlor epoxide	**6.9**	**p**	5.0		0.54	ug/Kg		08/22/22 11:02	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 11:02	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*40*		*38 - 148*	*08/18/22 13:05*	*08/22/22 11:02*	*1*
Tetrachloro-m-xylene (Surr)	*55*		*38 - 148*	*08/18/22 13:05*	*08/22/22 18:33*	*10*
DCB Decachlorobiphenyl (Surr)	*70*		*37 - 151*	*08/18/22 13:05*	*08/22/22 11:02*	*1*
DCB Decachlorobiphenyl (Surr)	*45*		*37 - 151*	*08/18/22 13:05*	*08/22/22 18:33*	*10*

Client Sample ID: SS-37-2.0
Date Collected: 08/15/22 10:33
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-35
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		0.71	ug/Kg		08/22/22 11:16	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SS-37-2.0
Date Collected: 08/15/22 10:33
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-35
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDE	**9.3**		5.0		0.68	ug/Kg		08/22/22 11:16	1
4,4'-DDT	ND		5.0		1.2	ug/Kg		08/22/22 11:16	1
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 11:16	1
alpha-BHC	ND		5.0		0.58	ug/Kg		08/22/22 11:16	1
alpha-Chlordane	**5.2**		5.0		0.56	ug/Kg		08/22/22 11:16	1
beta-BHC	ND		5.0		0.89	ug/Kg		08/22/22 11:16	1
Chlordane	**21**	**J**	25		4.0	ug/Kg		08/22/22 11:16	1
delta-BHC	ND		5.0		0.92	ug/Kg		08/22/22 11:16	1
Dieldrin	ND		5.0		0.54	ug/Kg		08/22/22 11:16	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 11:16	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 11:16	1
Endosulfan sulfate	ND		5.0		0.62	ug/Kg		08/22/22 11:16	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 11:16	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 11:16	1
Endrin ketone	ND		5.0		0.89	ug/Kg		08/22/22 11:16	1
gamma-Chlordane	ND		5.0		3.3	ug/Kg		08/22/22 11:16	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 11:16	1
Heptachlor	ND		5.0		0.59	ug/Kg		08/22/22 11:16	1
Heptachlor epoxide	**7.5**		5.0		0.53	ug/Kg		08/22/22 11:16	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 11:16	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*71*		*38 - 148*	*08/18/22 13:05*	*08/22/22 11:16*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*37 - 151*	*08/18/22 13:05*	*08/22/22 11:16*	*1*

Client Sample ID: SS-38-0.0
Date Collected: 08/15/22 11:10
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-36
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**7.9**	**J**	50		7.1	ug/Kg		08/23/22 19:48	10
4,4'-DDE	**120**		50		6.8	ug/Kg		08/23/22 19:48	10
4,4'-DDT	**83**		50		12	ug/Kg		08/23/22 19:48	10
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 11:31	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/22/22 11:31	1
alpha-Chlordane	**30**		5.0		0.56	ug/Kg		08/22/22 11:31	1
beta-BHC	ND		5.0		0.89	ug/Kg		08/22/22 11:31	1
Chlordane	**150**		25		4.1	ug/Kg		08/22/22 11:31	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 11:31	1
Dieldrin	ND		5.0		0.54	ug/Kg		08/22/22 11:31	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 11:31	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/22/22 11:31	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 11:31	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 11:31	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 11:31	1
Endrin ketone	ND		5.0		0.89	ug/Kg		08/22/22 11:31	1
gamma-Chlordane	**32**		5.0		3.3	ug/Kg		08/22/22 11:31	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 11:31	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/22/22 11:31	1
Heptachlor epoxide	ND		5.0		0.54	ug/Kg		08/22/22 11:31	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SS-38-0.0 **Lab Sample ID: 570-106769-36**
Date Collected: 08/15/22 11:10 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 11:31	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 11:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*66*	*p*	*38 - 148*	*08/18/22 13:05*	*08/22/22 11:31*	*1*
Tetrachloro-m-xylene (Surr)	*78*		*38 - 148*	*08/18/22 13:05*	*08/23/22 19:48*	*10*
DCB Decachlorobiphenyl (Surr)	*77*		*37 - 151*	*08/18/22 13:05*	*08/22/22 11:31*	*1*
DCB Decachlorobiphenyl (Surr)	*96*		*37 - 151*	*08/18/22 13:05*	*08/23/22 19:48*	*10*

Client Sample ID: SS-38-2.0 **Lab Sample ID: 570-106769-37**
Date Collected: 08/15/22 11:13 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		4.9		0.71	ug/Kg		08/24/22 07:32	1
4,4'-DDE	**1.1**	**J**	4.9		0.68	ug/Kg		08/24/22 07:32	1
4,4'-DDT	ND		4.9		1.2	ug/Kg		08/24/22 07:32	1
Aldrin	ND		4.9		1.6	ug/Kg		08/24/22 07:32	1
alpha-BHC	ND		4.9		0.58	ug/Kg		08/24/22 07:32	1
alpha-Chlordane	ND		4.9		0.56	ug/Kg		08/24/22 07:32	1
beta-BHC	ND		4.9		0.89	ug/Kg		08/24/22 07:32	1
Chlordane	ND		25		4.0	ug/Kg		08/24/22 07:32	1
delta-BHC	ND		4.9		0.92	ug/Kg		08/24/22 07:32	1
Dieldrin	ND		4.9		0.54	ug/Kg		08/24/22 07:32	1
Endosulfan I	ND		4.9		1.1	ug/Kg		08/24/22 07:32	1
Endosulfan II	ND		4.9		0.54	ug/Kg		08/24/22 07:32	1
Endosulfan sulfate	ND		4.9		0.62	ug/Kg		08/24/22 07:32	1
Endrin	ND		4.9		0.66	ug/Kg		08/24/22 07:32	1
Endrin aldehyde	ND		4.9		3.3	ug/Kg		08/24/22 07:32	1
Endrin ketone	ND		4.9		0.89	ug/Kg		08/24/22 07:32	1
gamma-Chlordane	ND		4.9		3.3	ug/Kg		08/24/22 07:32	1
gamma-BHC	ND		4.9		0.51	ug/Kg		08/24/22 07:32	1
Heptachlor	ND		4.9		0.59	ug/Kg		08/24/22 07:32	1
Heptachlor epoxide	ND		4.9		0.53	ug/Kg		08/24/22 07:32	1
Methoxychlor	ND		4.9		1.2	ug/Kg		08/24/22 07:32	1
Toxaphene	ND		25		15	ug/Kg		08/24/22 07:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*103*		*38 - 148*	*08/18/22 13:00*	*08/24/22 07:32*	*1*
DCB Decachlorobiphenyl (Surr)	*80*		*37 - 151*	*08/18/22 13:00*	*08/24/22 07:32*	*1*

Client Sample ID: SS-39-0.0 **Lab Sample ID: 570-106769-38**
Date Collected: 08/15/22 10:55 **Matrix: Solid**
Date Received: 08/17/22 10:00

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**9.9**	**p**	5.0		0.71	ug/Kg		08/24/22 07:47	1
4,4'-DDE	**770**		99		14	ug/Kg		08/24/22 13:31	20
4,4'-DDT	**400**		99		23	ug/Kg		08/24/22 13:31	20
Aldrin	ND		5.0		1.6	ug/Kg		08/24/22 07:47	1
alpha-BHC	ND		5.0		0.58	ug/Kg		08/24/22 07:47	1
alpha-Chlordane	**170**		99		11	ug/Kg		08/24/22 13:31	20

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SS-39-0.0
Date Collected: 08/15/22 10:55
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-38
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
beta-BHC	ND		5.0		0.89	ug/Kg		08/24/22 07:47	1
Chlordane	**340**	**p**	25		4.1	ug/Kg		08/24/22 07:47	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/24/22 07:47	1
Dieldrin	**150**		99		11	ug/Kg		08/24/22 13:31	20
Endosulfan I	**4.2**	**J p**	5.0		1.1	ug/Kg		08/24/22 07:47	1
Endosulfan II	**16**	**p**	5.0		0.54	ug/Kg		08/24/22 07:47	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/24/22 07:47	1
Endrin	ND		5.0		0.67	ug/Kg		08/24/22 07:47	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/24/22 07:47	1
Endrin ketone	ND		5.0		0.89	ug/Kg		08/24/22 07:47	1
gamma-Chlordane	**110**		99		67	ug/Kg		08/24/22 13:31	20
gamma-BHC	ND		5.0		0.51	ug/Kg		08/24/22 07:47	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/24/22 07:47	1
Heptachlor epoxide	**9.0**		5.0		0.53	ug/Kg		08/24/22 07:47	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/24/22 07:47	1
Toxaphene	**780**	**p**	25		15	ug/Kg		08/24/22 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*67*		*38 - 148*	*08/18/22 13:00*	*08/24/22 07:47*	*1*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*	*08/18/22 13:00*	*08/24/22 13:31*	*20*
DCB Decachlorobiphenyl (Surr)	*61*		*37 - 151*	*08/18/22 13:00*	*08/24/22 07:47*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*37 - 151*	*08/18/22 13:00*	*08/24/22 13:31*	*20*

Client Sample ID: DUP 7
Date Collected: 08/15/22 10:55
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-39
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**14**	**p**	5.0		0.71	ug/Kg		08/24/22 08:02	1
4,4'-DDE	**1000**		500		68	ug/Kg		08/24/22 14:01	100
4,4'-DDT	**440**	**J**	500		120	ug/Kg		08/24/22 14:01	100
Aldrin	ND		5.0		1.6	ug/Kg		08/24/22 08:02	1
alpha-BHC	ND		5.0		0.58	ug/Kg		08/24/22 08:02	1
alpha-Chlordane	**260**		50		5.6	ug/Kg		08/24/22 13:46	10
beta-BHC	ND		5.0		0.89	ug/Kg		08/24/22 08:02	1
Chlordane	**490**	**p**	25		4.0	ug/Kg		08/24/22 08:02	1
delta-BHC	ND		5.0		0.92	ug/Kg		08/24/22 08:02	1
Dieldrin	**190**		50		5.4	ug/Kg		08/24/22 13:46	10
Endosulfan I	ND		5.0		1.1	ug/Kg		08/24/22 08:02	1
Endosulfan II	**24**	**p**	5.0		0.54	ug/Kg		08/24/22 08:02	1
Endosulfan sulfate	ND		5.0		0.62	ug/Kg		08/24/22 08:02	1
Endrin	ND		5.0		0.67	ug/Kg		08/24/22 08:02	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/24/22 08:02	1
Endrin ketone	ND		5.0		0.89	ug/Kg		08/24/22 08:02	1
gamma-Chlordane	**170**		50		33	ug/Kg		08/24/22 13:46	10
gamma-BHC	ND		5.0		0.51	ug/Kg		08/24/22 08:02	1
Heptachlor	ND		5.0		0.59	ug/Kg		08/24/22 08:02	1
Heptachlor epoxide	**13**		5.0		0.53	ug/Kg		08/24/22 08:02	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/24/22 08:02	1
Toxaphene	**1100**	**p**	25		15	ug/Kg		08/24/22 08:02	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	77		38 - 148	08/18/22 13:00	08/24/22 08:02	1
Tetrachloro-m-xylene (Surr)	95		38 - 148	08/18/22 13:00	08/24/22 13:46	10
Tetrachloro-m-xylene (Surr)	121		38 - 148	08/18/22 13:00	08/24/22 14:01	100
DCB Decachlorobiphenyl (Surr)	80		37 - 151	08/18/22 13:00	08/24/22 08:02	1
DCB Decachlorobiphenyl (Surr)	115		37 - 151	08/18/22 13:00	08/24/22 13:46	10
DCB Decachlorobiphenyl (Surr)	143		37 - 151	08/18/22 13:00	08/24/22 14:01	100

Client Sample ID: SS-39-2.0
Date Collected: 08/15/22 11:02
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-40
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**2.6**	**J p**	5.0		0.71	ug/Kg		08/24/22 08:17	1
4,4'-DDE	**130**		25		3.4	ug/Kg		08/24/22 14:16	5
4,4'-DDT	**16**		5.0		1.2	ug/Kg		08/24/22 08:17	1
Aldrin	ND		5.0		1.6	ug/Kg		08/24/22 08:17	1
alpha-BHC	ND		5.0		0.58	ug/Kg		08/24/22 08:17	1
alpha-Chlordane	**2.5**	**J p**	5.0		0.56	ug/Kg		08/24/22 08:17	1
beta-BHC	ND		5.0		0.89	ug/Kg		08/24/22 08:17	1
Chlordane	**12**	**J**	25		4.0	ug/Kg		08/24/22 08:17	1
delta-BHC	ND		5.0		0.92	ug/Kg		08/24/22 08:17	1
Dieldrin	**35**		5.0		0.54	ug/Kg		08/24/22 08:17	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/24/22 08:17	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/24/22 08:17	1
Endosulfan sulfate	ND		5.0		0.62	ug/Kg		08/24/22 08:17	1
Endrin	ND		5.0		0.67	ug/Kg		08/24/22 08:17	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/24/22 08:17	1
Endrin ketone	ND		5.0		0.89	ug/Kg		08/24/22 08:17	1
gamma-Chlordane	ND		5.0		3.3	ug/Kg		08/24/22 08:17	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/24/22 08:17	1
Heptachlor	ND		5.0		0.59	ug/Kg		08/24/22 08:17	1
Heptachlor epoxide	**7.5**		5.0		0.53	ug/Kg		08/24/22 08:17	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/24/22 08:17	1
Toxaphene	ND		25		15	ug/Kg		08/24/22 08:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene (Surr)	77		38 - 148	08/18/22 13:00	08/24/22 08:17	1
Tetrachloro-m-xylene (Surr)	90		38 - 148	08/18/22 13:00	08/24/22 14:16	5
DCB Decachlorobiphenyl (Surr)	71		37 - 151	08/18/22 13:00	08/24/22 08:17	1
DCB Decachlorobiphenyl (Surr)	89		37 - 151	08/18/22 13:00	08/24/22 14:16	5

Client Sample ID: SS-40-0.0
Date Collected: 08/15/22 10:12
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-41
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	**15**		5.0		0.72	ug/Kg		08/24/22 08:32	1
4,4'-DDE	**590**		100		14	ug/Kg		08/24/22 14:31	20
4,4'-DDT	**170**		100		23	ug/Kg		08/24/22 14:31	20
Aldrin	ND		5.0		1.6	ug/Kg		08/24/22 08:32	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/24/22 08:32	1
alpha-Chlordane	**34**		5.0		0.56	ug/Kg		08/24/22 08:32	1
beta-BHC	ND		5.0		0.90	ug/Kg		08/24/22 08:32	1
Chlordane	**86**	**p**	25		4.1	ug/Kg		08/24/22 08:32	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/24/22 08:32	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SS-40-0.0
Date Collected: 08/15/22 10:12
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-41
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Dieldrin	**11**		5.0		0.55	ug/Kg		08/24/22 08:32	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/24/22 08:32	1
Endosulfan II	ND		5.0		0.55	ug/Kg		08/24/22 08:32	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/24/22 08:32	1
Endrin	ND		5.0		0.67	ug/Kg		08/24/22 08:32	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/24/22 08:32	1
Endrin ketone	ND		5.0		0.90	ug/Kg		08/24/22 08:32	1
gamma-Chlordane	**26**		5.0		3.4	ug/Kg		08/24/22 08:32	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/24/22 08:32	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/24/22 08:32	1
Heptachlor epoxide	**2.1**	**J p**	5.0		0.54	ug/Kg		08/24/22 08:32	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/24/22 08:32	1
Toxaphene	ND		25		15	ug/Kg		08/24/22 08:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*79*		*38 - 148*	*08/18/22 13:00*	*08/24/22 08:32*	*1*
Tetrachloro-m-xylene (Surr)	*93*		*38 - 148*	*08/18/22 13:00*	*08/24/22 14:31*	*20*
DCB Decachlorobiphenyl (Surr)	*75*		*37 - 151*	*08/18/22 13:00*	*08/24/22 08:32*	*1*
DCB Decachlorobiphenyl (Surr)	*115*		*37 - 151*	*08/18/22 13:00*	*08/24/22 14:31*	*20*

Client Sample ID: SS-40-2.0
Date Collected: 08/15/22 10:16
Date Received: 08/17/22 10:00

Lab Sample ID: 570-106769-42
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		0.71	ug/Kg		08/24/22 08:47	1
4,4'-DDE	**3.3**	**J**	5.0		0.68	ug/Kg		08/24/22 08:47	1
4,4'-DDT	ND		5.0		1.2	ug/Kg		08/24/22 08:47	1
Aldrin	ND		5.0		1.6	ug/Kg		08/24/22 08:47	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/24/22 08:47	1
alpha-Chlordane	ND		5.0		0.56	ug/Kg		08/24/22 08:47	1
beta-BHC	ND		5.0		0.90	ug/Kg		08/24/22 08:47	1
Chlordane	ND		25		4.1	ug/Kg		08/24/22 08:47	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/24/22 08:47	1
Dieldrin	ND		5.0		0.55	ug/Kg		08/24/22 08:47	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/24/22 08:47	1
Endosulfan II	ND		5.0		0.54	ug/Kg		08/24/22 08:47	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/24/22 08:47	1
Endrin	ND		5.0		0.67	ug/Kg		08/24/22 08:47	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/24/22 08:47	1
Endrin ketone	ND		5.0		0.90	ug/Kg		08/24/22 08:47	1
gamma-Chlordane	ND		5.0		3.4	ug/Kg		08/24/22 08:47	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/24/22 08:47	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/24/22 08:47	1
Heptachlor epoxide	ND		5.0		0.54	ug/Kg		08/24/22 08:47	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/24/22 08:47	1
Toxaphene	ND		25		15	ug/Kg		08/24/22 08:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*71*		*38 - 148*	*08/18/22 13:00*	*08/24/22 08:47*	*1*
DCB Decachlorobiphenyl (Surr)	*62*		*37 - 151*	*08/18/22 13:00*	*08/24/22 08:47*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: SS-30-0.0
Date Collected: 08/15/22 09:30
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-18
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	27.2		2.00		0.409	mg/Kg		08/22/22 14:38	5

Client Sample ID: DUP 5
Date Collected: 08/15/22 09:30
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-19
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	22.0		2.01		0.411	mg/Kg		08/22/22 14:41	5

Client Sample ID: SS-31-0.0
Date Collected: 08/15/22 10:39
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-21
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	17.6		2.00		0.409	mg/Kg		08/22/22 14:43	5

Client Sample ID: SS-32-0.0
Date Collected: 08/15/22 09:55
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-23
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	34.3		1.99		0.407	mg/Kg		08/19/22 19:37	5

Client Sample ID: SS-33-0.0
Date Collected: 08/15/22 09:15
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-25
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	19.6		2.00		0.409	mg/Kg		08/19/22 19:39	5

Client Sample ID: SS-34-0.0
Date Collected: 08/15/22 09:43
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-27
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	22.8		1.99		0.407	mg/Kg		08/19/22 19:42	5

Client Sample ID: SS-35-0.0
Date Collected: 08/15/22 09:23
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-29
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	35.9		1.98		0.405	mg/Kg		08/19/22 19:44	5

Client Sample ID: DUP 6
Date Collected: 08/15/22 09:23
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-30
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	42.5		2.02		0.413	mg/Kg		08/19/22 19:47	5

Client Sample ID: SS-36-0.0
Date Collected: 08/15/22 10:02
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-32
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	20.6		2.01		0.411	mg/Kg		08/19/22 19:49	5

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method: 6010B - Metals (ICP)

Client Sample ID: SS-37-0.0
Date Collected: 08/15/22 10:29
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-34
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	34.4		2.02		0.413	mg/Kg		08/19/22 19:52	5

Client Sample ID: SS-38-0.0
Date Collected: 08/15/22 11:10
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-36
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	31.5		2.01		0.411	mg/Kg		08/19/22 19:54	5

Client Sample ID: SS-39-0.0
Date Collected: 08/15/22 10:55
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-38
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	18.6		1.98		0.405	mg/Kg		08/19/22 19:56	5

Client Sample ID: SS-40-0.0
Date Collected: 08/15/22 10:12
Date Received: 08/17/22 10:00
Lab Sample ID: 570-106769-41
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	16.7		1.99		0.407	mg/Kg		08/19/22 19:59	5

Surrogate Summary

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (42-126)
570-106769-1	SS-23-1.0	70
570-106769-2	SS-23-A1-0.0	75
570-106769-5	SS-23-B1-0.0	59
570-106769-8	SS-23-C1-0.0	72
570-106769-11	SS-23-D1-0.0	74
570-106769-12	SS-23-D1-1.0	88
570-106769-13	SS-23-D2-0.0	74
570-106769-14	SS-24-1.0	64
570-106769-15	SS-24-A1-0.0	66
LCS 570-257714/3	Lab Control Sample	111
LCS 570-260059/3	Lab Control Sample	93
LCSD 570-257714/4	Lab Control Sample Dup	84
LCSD 570-260059/4	Lab Control Sample Dup	112
MB 570-257714/5	Method Blank	82
MB 570-260059/5	Method Blank	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)
570-106769-1	SS-23-1.0	86
570-106769-2	SS-23-A1-0.0	99
570-106769-5	SS-23-B1-0.0	102
570-106769-8	SS-23-C1-0.0	98
570-106769-11 - RA2	SS-23-D1-0.0	92
570-106769-12	SS-23-D1-1.0	98
570-106769-13	SS-23-D2-0.0	99
570-106769-14	SS-24-1.0	93
570-106769-15	SS-24-A1-0.0	89
LCS 570-257825/2-A	Lab Control Sample	88
LCS 570-257825/6-A	Lab Control Sample	90
LCS 570-259887/2-A	Lab Control Sample	90
LCS 570-259887/6-A	Lab Control Sample	96
LCSD 570-257825/3-A	Lab Control Sample Dup	89
LCSD 570-257825/7-A	Lab Control Sample Dup	90
LCSD 570-259887/3-A	Lab Control Sample Dup	90
LCSD 570-259887/7-A	Lab Control Sample Dup	93
MB 570-257825/1-A	Method Blank	83
MB 570-259887/1-A	Method Blank	88

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Surrogate Summary

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCB1								
Lab Sample ID	Client Sample ID	(38-148)	(37-151)								
570-106769-18	SS-30-0.0	82	60								
570-106769-18 MS	SS-30-0.0	74 p	113								
570-106769-18 MSD	SS-30-0.0	73	94								
570-106769-19	DUP 5	89	88								
570-106769-19	DUP 5	65	102								
570-106769-20	SS-30-2.0	79	90								
570-106769-21	SS-31-0.0	66	95								
570-106769-21	SS-31-0.0	108	120								
570-106769-22	SS-31-2.0	127	141								
570-106769-23	SS-32-0.0	80 p	96								
570-106769-23	SS-32-0.0	109 p	139								
570-106769-24	SS-32-2.0	73	102								
570-106769-25	SS-33-0.0	47 p	88								
570-106769-25	SS-33-0.0	60	41								
570-106769-26	SS-33-2.0	67	86								
570-106769-27	SS-34-0.0	82	116								
570-106769-27	SS-34-0.0	92	83								
570-106769-28	SS-34-2.0	74	91								
570-106769-29	SS-35-0.0	64 p	90								
570-106769-29	SS-35-0.0	79	91								
570-106769-29	SS-35-0.0	126	109								
570-106769-30	DUP 6	65 p	86								
570-106769-30	DUP 6	82	64								
570-106769-30	DUP 6	108	76								
570-106769-31	SS-35-2.0	69	125								
570-106769-31	SS-35-2.0	92	68								
570-106769-32	SS-36-0.0	28 S1-	74								
570-106769-32	SS-36-0.0	3 S1-	251 S1+								
570-106769-32	SS-36-0.0	0.1 p S1-	53								
570-106769-33	SS-36-2.0	73	77								
570-106769-34	SS-37-0.0	40	70								
570-106769-34	SS-37-0.0	55	45								
570-106769-35	SS-37-2.0	71	93								
570-106769-36	SS-38-0.0	66 p	77								
570-106769-36	SS-38-0.0	78	96								
570-106769-37	SS-38-2.0	103	80								
570-106769-38	SS-39-0.0	67	61								
570-106769-38	SS-39-0.0	82	83								
570-106769-39	DUP 7	77	80								
570-106769-39	DUP 7	95	115								
570-106769-39	DUP 7	121	143								
570-106769-40	SS-39-2.0	77	71								
570-106769-40	SS-39-2.0	90	89								
570-106769-41	SS-40-0.0	79	75								
570-106769-41	SS-40-0.0	93	115								
570-106769-42	SS-40-2.0	71	62								
LCS 570-257790/2-A	Lab Control Sample	96	76								
LCS 570-257791/2-A	Lab Control Sample	98	102								
LCSD 570-257790/3-A	Lab Control Sample Dup	100	83								
LCSD 570-257791/3-A	Lab Control Sample Dup	103	103								

Surrogate Summary

Client: Tetra Tech, Inc. Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX1	DCB1								
Lab Sample ID	Client Sample ID	(38-148)	(37-151)								
MB 570-257790/1-A	Method Blank	100	84								
MB 570-257791/1-A	Method Blank	92	76								

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		TCX2	DCB1								
Lab Sample ID	Client Sample ID	(38-148)	(37-151)								
570-106769-18	SS-30-0.0	72	101								

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-257714/5
Matrix: Solid
Analysis Batch: 257714

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.099		0.055	mg/Kg		08/18/22 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*42 - 126*		*08/18/22 12:03*	*1*

Lab Sample ID: LCS 570-257714/3
Matrix: Solid
Analysis Batch: 257714

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	1.98	1.917		mg/Kg		97	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*42 - 126*

Lab Sample ID: LCSD 570-257714/4
Matrix: Solid
Analysis Batch: 257714

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	1.98	1.872		mg/Kg		94	70 - 124	2	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*42 - 126*

Lab Sample ID: MB 570-260059/5
Matrix: Solid
Analysis Batch: 260059

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.055	mg/Kg		08/29/22 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*		*08/29/22 12:03*	*1*

Lab Sample ID: LCS 570-260059/3
Matrix: Solid
Analysis Batch: 260059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	1.98	2.074		mg/Kg		105	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-260059/4
Matrix: Solid
Analysis Batch: 260059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.98	2.071		mg/Kg		105	70 - 124	0	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-257825/1-A
Matrix: Solid
Analysis Batch: 257691

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257825

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		5.0		3.8	mg/Kg		08/19/22 02:27	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/19/22 02:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*83*		*60 - 138*	*08/18/22 15:17*	*08/19/22 02:27*	*1*

Lab Sample ID: LCS 570-257825/2-A
Matrix: Solid
Analysis Batch: 257691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257825

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]			400	477.4		mg/Kg		119	80 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*88*		*60 - 138*

Lab Sample ID: LCS 570-257825/6-A
Matrix: Solid
Analysis Batch: 257691

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257825

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
TPH as Motor Oil (C17-C44)			400	421.7		mg/Kg		105	77 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*90*		*60 - 138*

Lab Sample ID: LCSD 570-257825/3-A
Matrix: Solid
Analysis Batch: 257691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257825

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	465.4		mg/Kg		116	80 - 130	3	20

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-257825/3-A
Matrix: Solid
Analysis Batch: 257691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257825

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	89		60 - 138

Lab Sample ID: LCSD 570-257825/7-A
Matrix: Solid
Analysis Batch: 257691

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257825

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)			400	426.1		mg/Kg		107	77 - 125	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	90		60 - 138

Lab Sample ID: MB 570-259887/1-A
Matrix: Solid
Analysis Batch: 260105

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259887

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		5.0		3.8	mg/Kg		08/29/22 14:33	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/29/22 14:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	88		60 - 138	08/28/22 10:21	08/29/22 14:33	1

Lab Sample ID: LCS 570-259887/2-A
Matrix: Solid
Analysis Batch: 260105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259887

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	386.0		mg/Kg		97	80 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	90		60 - 138

Lab Sample ID: LCS 570-259887/6-A
Matrix: Solid
Analysis Batch: 260105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259887

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Motor Oil (C17-C44)			400	444.4		mg/Kg		111	77 - 125		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	96		60 - 138

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-259887/3-A
Matrix: Solid
Analysis Batch: 260105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259887

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	372.3		mg/Kg		93	80 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*90*		*60 - 138*

Lab Sample ID: LCSD 570-259887/7-A
Matrix: Solid
Analysis Batch: 260105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259887

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)			400	424.8		mg/Kg		106	77 - 125	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*60 - 138*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-257790/1-A
Matrix: Solid
Analysis Batch: 258771

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257790

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		0.72	ug/Kg		08/24/22 06:02	1
4,4'-DDE	ND		5.0		0.69	ug/Kg		08/24/22 06:02	1
4,4'-DDT	ND		5.0		1.2	ug/Kg		08/24/22 06:02	1
Aldrin	ND		5.0		1.6	ug/Kg		08/24/22 06:02	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/24/22 06:02	1
alpha-Chlordane	ND		5.0		0.56	ug/Kg		08/24/22 06:02	1
beta-BHC	ND		5.0		0.90	ug/Kg		08/24/22 06:02	1
Chlordane	ND		25		4.1	ug/Kg		08/24/22 06:02	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/24/22 06:02	1
Dieldrin	ND		5.0		0.55	ug/Kg		08/24/22 06:02	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/24/22 06:02	1
Endosulfan II	ND		5.0		0.55	ug/Kg		08/24/22 06:02	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/24/22 06:02	1
Endrin	ND		5.0		0.67	ug/Kg		08/24/22 06:02	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/24/22 06:02	1
Endrin ketone	ND		5.0		0.90	ug/Kg		08/24/22 06:02	1
gamma-Chlordane	ND		5.0		3.4	ug/Kg		08/24/22 06:02	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/24/22 06:02	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/24/22 06:02	1
Heptachlor epoxide	ND		5.0		0.54	ug/Kg		08/24/22 06:02	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/24/22 06:02	1
Toxaphene	ND		25		15	ug/Kg		08/24/22 06:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*100*		*38 - 148*	*08/18/22 13:00*	*08/24/22 06:02*	*1*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 570-257790/1-A
Matrix: Solid
Analysis Batch: 258771

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257790

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl (Surr)	84		37 - 151	08/18/22 13:00	08/24/22 06:02	1

Lab Sample ID: LCS 570-257790/2-A
Matrix: Solid
Analysis Batch: 258771

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257790

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	25.0	21.75		ug/Kg		87	54 - 154
4,4'-DDE	25.0	22.71		ug/Kg		91	51 - 149
4,4'-DDT	25.0	22.95		ug/Kg		92	39 - 152
Aldrin	25.0	23.81		ug/Kg		95	52 - 138
alpha-BHC	25.0	24.09		ug/Kg		96	51 - 140
alpha-Chlordane	25.0	23.04		ug/Kg		92	53 - 141
beta-BHC	25.0	22.07		ug/Kg		88	53 - 141
delta-BHC	25.0	24.34		ug/Kg		97	20 - 132
Dieldrin	25.0	22.98		ug/Kg		92	52 - 144
Endosulfan I	25.0	22.36		ug/Kg		89	49 - 139
Endosulfan II	25.0	21.79		ug/Kg		87	51 - 150
Endosulfan sulfate	25.0	21.35		ug/Kg		85	45 - 139
Endrin	25.0	23.66		ug/Kg		95	53 - 151
Endrin aldehyde	25.0	20.65		ug/Kg		83	31 - 146
gamma-Chlordane	25.0	22.23		ug/Kg		89	46 - 156
gamma-BHC	25.0	24.08		ug/Kg		96	53 - 141
Heptachlor	25.0	24.22		ug/Kg		97	52 - 144
Heptachlor epoxide	25.0	23.13		ug/Kg		93	54 - 141
Methoxychlor	25.0	20.62		ug/Kg		82	47 - 148

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	96		38 - 148
DCB Decachlorobiphenyl (Surr)	76		37 - 151

Lab Sample ID: LCSD 570-257790/3-A
Matrix: Solid
Analysis Batch: 258771

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257790

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	25.0	23.47		ug/Kg		94	54 - 154	8	30
4,4'-DDE	25.0	24.22		ug/Kg		97	51 - 149	6	28
4,4'-DDT	25.0	24.71		ug/Kg		99	39 - 152	7	31
Aldrin	25.0	24.98		ug/Kg		100	52 - 138	5	30
alpha-BHC	25.0	25.37		ug/Kg		101	51 - 140	5	29
alpha-Chlordane	25.0	23.97		ug/Kg		96	53 - 141	4	28
beta-BHC	25.0	23.31		ug/Kg		93	53 - 141	5	29
delta-BHC	25.0	25.58		ug/Kg		102	20 - 132	5	40
Dieldrin	25.0	24.46		ug/Kg		98	52 - 144	6	28
Endosulfan I	25.0	23.30		ug/Kg		93	49 - 139	4	28
Endosulfan II	25.0	23.88		ug/Kg		96	51 - 150	9	29
Endosulfan sulfate	25.0	23.64		ug/Kg		95	45 - 139	10	30

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 570-257790/3-A
Matrix: Solid
Analysis Batch: 258771

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257790

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endrin			25.0	25.35		ug/Kg		101	53 - 151	7	29
Endrin aldehyde			25.0	22.02		ug/Kg		88	31 - 146	6	40
gamma-Chlordane			25.0	23.64		ug/Kg		95	46 - 156	6	39
gamma-BHC			25.0	25.42		ug/Kg		102	53 - 141	5	29
Heptachlor			25.0	25.55		ug/Kg		102	52 - 144	5	29
Heptachlor epoxide			25.0	24.49		ug/Kg		98	54 - 141	6	29
Methoxychlor			25.0	22.73		ug/Kg		91	47 - 148	10	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*100*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*83*		*37 - 151*

Lab Sample ID: MB 570-257791/1-A
Matrix: Solid
Analysis Batch: 258208

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257791

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
4,4'-DDD	ND		5.0		0.72	ug/Kg		08/22/22 14:02	1
4,4'-DDE	ND		5.0		0.69	ug/Kg		08/22/22 14:02	1
4,4'-DDT	ND		5.0		1.2	ug/Kg		08/22/22 14:02	1
Aldrin	ND		5.0		1.6	ug/Kg		08/22/22 14:02	1
alpha-BHC	ND		5.0		0.59	ug/Kg		08/22/22 14:02	1
alpha-Chlordane	ND		5.0		0.56	ug/Kg		08/22/22 14:02	1
beta-BHC	ND		5.0		0.90	ug/Kg		08/22/22 14:02	1
Chlordane	ND		25		4.1	ug/Kg		08/22/22 14:02	1
delta-BHC	ND		5.0		0.93	ug/Kg		08/22/22 14:02	1
Dieldrin	ND		5.0		0.55	ug/Kg		08/22/22 14:02	1
Endosulfan I	ND		5.0		1.1	ug/Kg		08/22/22 14:02	1
Endosulfan II	ND		5.0		0.55	ug/Kg		08/22/22 14:02	1
Endosulfan sulfate	ND		5.0		0.63	ug/Kg		08/22/22 14:02	1
Endrin	ND		5.0		0.67	ug/Kg		08/22/22 14:02	1
Endrin aldehyde	ND		5.0		3.3	ug/Kg		08/22/22 14:02	1
Endrin ketone	ND		5.0		0.90	ug/Kg		08/22/22 14:02	1
gamma-Chlordane	ND		5.0		3.4	ug/Kg		08/22/22 14:02	1
gamma-BHC	ND		5.0		0.51	ug/Kg		08/22/22 14:02	1
Heptachlor	ND		5.0		0.60	ug/Kg		08/22/22 14:02	1
Heptachlor epoxide	ND		5.0		0.54	ug/Kg		08/22/22 14:02	1
Methoxychlor	ND		5.0		1.2	ug/Kg		08/22/22 14:02	1
Toxaphene	ND		25		15	ug/Kg		08/22/22 14:02	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*92*		*38 - 148*	*08/18/22 13:05*	*08/22/22 14:02*	*1*
DCB Decachlorobiphenyl (Surr)	*76*		*37 - 151*	*08/18/22 13:05*	*08/22/22 14:02*	*1*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-257791/2-A
Matrix: Solid
Analysis Batch: 258208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257791

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
4,4'-DDD			25.0	23.48		ug/Kg		94	54 - 154		
4,4'-DDE			25.0	22.40		ug/Kg		90	51 - 149		
4,4'-DDT			25.0	23.28		ug/Kg		93	39 - 152		
Aldrin			25.0	23.55		ug/Kg		94	52 - 138		
alpha-BHC			25.0	25.09		ug/Kg		100	51 - 140		
alpha-Chlordane			25.0	22.79		ug/Kg		91	53 - 141		
beta-BHC			25.0	22.79		ug/Kg		91	53 - 141		
delta-BHC			25.0	25.25		ug/Kg		101	20 - 132		
Dieldrin			25.0	22.93		ug/Kg		92	52 - 144		
Endosulfan I			25.0	22.25		ug/Kg		89	49 - 139		
Endosulfan II			25.0	23.35		ug/Kg		93	51 - 150		
Endosulfan sulfate			25.0	23.74		ug/Kg		95	45 - 139		
Endrin			25.0	24.00		ug/Kg		96	53 - 151		
Endrin aldehyde			25.0	23.18		ug/Kg		93	31 - 146		
gamma-Chlordane			25.0	22.67		ug/Kg		91	46 - 156		
gamma-BHC			25.0	24.62		ug/Kg		98	53 - 141		
Heptachlor			25.0	24.50		ug/Kg		98	52 - 144		
Heptachlor epoxide			25.0	22.97		ug/Kg		92	54 - 141		
Methoxychlor			25.0	25.97		ug/Kg		104	47 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*98*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*102*		*37 - 151*

Lab Sample ID: LCSD 570-257791/3-A
Matrix: Solid
Analysis Batch: 258208

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257791

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			25.0	24.35		ug/Kg		97	54 - 154	4	30
4,4'-DDE			25.0	23.71		ug/Kg		95	51 - 149	6	28
4,4'-DDT			25.0	24.31		ug/Kg		97	39 - 152	4	31
Aldrin			25.0	25.22		ug/Kg		101	52 - 138	7	30
alpha-BHC			25.0	26.81		ug/Kg		107	51 - 140	7	29
alpha-Chlordane			25.0	24.05		ug/Kg		96	53 - 141	5	28
beta-BHC			25.0	24.19		ug/Kg		97	53 - 141	6	29
delta-BHC			25.0	26.62		ug/Kg		106	20 - 132	5	40
Dieldrin			25.0	24.03		ug/Kg		96	52 - 144	5	28
Endosulfan I			25.0	23.38		ug/Kg		94	49 - 139	5	28
Endosulfan II			25.0	24.03		ug/Kg		96	51 - 150	3	29
Endosulfan sulfate			25.0	24.14		ug/Kg		97	45 - 139	2	30
Endrin			25.0	25.00		ug/Kg		100	53 - 151	4	29
Endrin aldehyde			25.0	22.91		ug/Kg		92	31 - 146	1	40
gamma-Chlordane			25.0	23.92		ug/Kg		96	46 - 156	5	39
gamma-BHC			25.0	26.24		ug/Kg		105	53 - 141	6	29
Heptachlor			25.0	26.05		ug/Kg		104	52 - 144	6	29
Heptachlor epoxide			25.0	24.24		ug/Kg		97	54 - 141	5	29
Methoxychlor			25.0	26.04		ug/Kg		104	47 - 148	0	29

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 570-257791/3-A
Matrix: Solid
Analysis Batch: 258208

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257791

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*103*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*103*		*37 - 151*

Lab Sample ID: 570-106769-18 MS
Matrix: Solid
Analysis Batch: 258208

Client Sample ID: SS-30-0.0
Prep Type: Total/NA
Prep Batch: 257791

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	ND	F1	24.7	36.96	F1	ug/Kg		150	27 - 144
4,4'-DDE	580	E	24.7	724.6	E 4	ug/Kg		590	28 - 141
4,4'-DDT	440	F2 E	24.7	678.0	E 4	ug/Kg		958	10 - 154
Aldrin	ND		24.7	19.03		ug/Kg		77	26 - 125
alpha-BHC	ND		24.7	17.66		ug/Kg		72	24 - 125
alpha-Chlordane	ND	F2 F1	24.7	615.2	E F1	ug/Kg		2494	17 - 144
beta-BHC	ND		24.7	18.64		ug/Kg		76	28 - 125
delta-BHC	ND		24.7	20.06		ug/Kg		81	10 - 125
Dieldrin	ND	F1	24.7	59.38	E F1	ug/Kg		241	19 - 145
Endosulfan I	ND	F2	24.7	22.22	p	ug/Kg		90	25 - 125
Endosulfan II	ND	F2 F1	24.7	48.39	E F1	ug/Kg		196	13 - 142
Endosulfan sulfate	ND	F2	24.7	26.39	p	ug/Kg		107	14 - 126
Endrin	ND	F1	24.7	ND	F1	ug/Kg		0	28 - 139
Endrin aldehyde	ND		24.7	22.96		ug/Kg		93	12 - 125
gamma-Chlordane	390	F2 E	24.7	574.4	E 4	ug/Kg		753	10 - 160
gamma-BHC	ND		24.7	17.95		ug/Kg		73	24 - 125
Heptachlor	1.9	J	24.7	21.57		ug/Kg		80	19 - 127
Heptachlor epoxide	8.4	p	24.7	31.69	p	ug/Kg		94	33 - 123
Methoxychlor	ND	F1	24.7	36.90	F1	ug/Kg		150	19 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	*74*	*p*	*38 - 148*
DCB Decachlorobiphenyl (Surr)	*113*		*37 - 151*

Lab Sample ID: 570-106769-18 MSD
Matrix: Solid
Analysis Batch: 258208

Client Sample ID: SS-30-0.0
Prep Type: Total/NA
Prep Batch: 257791

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	ND	F1	24.7	26.43		ug/Kg		107	27 - 144	33	40
4,4'-DDE	580	E	24.7	540.4	E 4	ug/Kg		-157	28 - 141	29	32
4,4'-DDT	440	F2 E	24.7	397.8	E 4 F2	ug/Kg		-178	10 - 154	52	40
Aldrin	ND		24.7	17.50		ug/Kg		71	26 - 125	8	40
alpha-BHC	ND		24.7	17.23		ug/Kg		70	24 - 125	2	40
alpha-Chlordane	ND	F2 F1	24.7	386.2	E F1 F2	ug/Kg		1563	17 - 144	46	40
beta-BHC	ND		24.7	15.29		ug/Kg		62	28 - 125	20	39
delta-BHC	ND		24.7	16.76		ug/Kg		68	10 - 125	18	40
Dieldrin	ND	F1	24.7	41.91	E F1	ug/Kg		170	19 - 145	35	39
Endosulfan I	ND	F1	24.7	31.39	F1	ug/Kg		127	25 - 125	34	39
Endosulfan II	ND	F2 F1	24.7	28.88	F2	ug/Kg		117	13 - 142	51	40

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 570-106769-18 MSD
Matrix: Solid
Analysis Batch: 258208

Client Sample ID: SS-30-0.0
Prep Type: Total/NA
Prep Batch: 257791

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan sulfate	ND	F1	24.7	29.05		ug/Kg		118	14 - 126	10	38
Endrin	ND	F1	24.7	ND	F1	ug/Kg		0	28 - 139	NC	40
Endrin aldehyde	ND		24.7	16.03		ug/Kg		65	12 - 125	36	40
gamma-Chlordane	390	F2 E	24.7	359.5	E 4 F2	ug/Kg		-117	10 - 160	46	40
gamma-BHC	ND		24.7	17.41		ug/Kg		70	24 - 125	3	40
Heptachlor	1.9	J	24.7	19.54		ug/Kg		71	19 - 127	10	40
Heptachlor epoxide	8.4	p	24.7	26.65	p	ug/Kg		74	33 - 123	17	34
Methoxychlor	ND	F1	24.7	28.77		ug/Kg		116	19 - 128	25	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*73*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*94*		*37 - 151*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-257927/1-A ^5
Matrix: Solid
Analysis Batch: 258539

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257927

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	ND		2.02		0.413	mg/Kg		08/22/22 13:34	5

Lab Sample ID: LCS 570-257927/2-A ^5
Matrix: Solid
Analysis Batch: 258539

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257927

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	50.5	51.31		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 570-257927/3-A ^5
Matrix: Solid
Analysis Batch: 258539

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257927

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	50.8	54.64		mg/Kg		108	80 - 120	6	20

Lab Sample ID: MB 570-257962/1-A ^5
Matrix: Solid
Analysis Batch: 258191

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 257962

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Lead	ND		2.02		0.413	mg/Kg		08/19/22 16:37	5

Lab Sample ID: LCS 570-257962/2-A ^5
Matrix: Solid
Analysis Batch: 258191

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 257962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	49.8	49.00		mg/Kg		98	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-257962/3-A ^5
Matrix: Solid
Analysis Batch: 258191

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 257962

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead			49.5	50.93		mg/Kg		103	80 - 120	4	20

GC VOA

Analysis Batch: 257714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-1	SS-23-1.0	Total/NA	Solid	8015B	257719
570-106769-2	SS-23-A1-0.0	Total/NA	Solid	8015B	257719
570-106769-5	SS-23-B1-0.0	Total/NA	Solid	8015B	257719
570-106769-8	SS-23-C1-0.0	Total/NA	Solid	8015B	257719
570-106769-11	SS-23-D1-0.0	Total/NA	Solid	8015B	257719
570-106769-14	SS-24-1.0	Total/NA	Solid	8015B	257719
570-106769-15	SS-24-A1-0.0	Total/NA	Solid	8015B	257719
MB 570-257714/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-257714/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-257714/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Prep Batch: 257719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-1	SS-23-1.0	Total/NA	Solid	5035	
570-106769-2	SS-23-A1-0.0	Total/NA	Solid	5035	
570-106769-5	SS-23-B1-0.0	Total/NA	Solid	5035	
570-106769-8	SS-23-C1-0.0	Total/NA	Solid	5035	
570-106769-11	SS-23-D1-0.0	Total/NA	Solid	5035	
570-106769-12	SS-23-D1-1.0	Total/NA	Solid	5035	
570-106769-13	SS-23-D2-0.0	Total/NA	Solid	5035	
570-106769-14	SS-24-1.0	Total/NA	Solid	5035	
570-106769-15	SS-24-A1-0.0	Total/NA	Solid	5035	

Analysis Batch: 260059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-12	SS-23-D1-1.0	Total/NA	Solid	8015B	257719
570-106769-13	SS-23-D2-0.0	Total/NA	Solid	8015B	257719
MB 570-260059/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-260059/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-260059/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Analysis Batch: 257691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-257825/1-A	Method Blank	Total/NA	Solid	8015B	257825
LCS 570-257825/2-A	Lab Control Sample	Total/NA	Solid	8015B	257825
LCS 570-257825/6-A	Lab Control Sample	Total/NA	Solid	8015B	257825
LCSD 570-257825/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	257825
LCSD 570-257825/7-A	Lab Control Sample Dup	Total/NA	Solid	8015B	257825

Prep Batch: 257790

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-37	SS-38-2.0	Total/NA	Solid	3546	
570-106769-38	SS-39-0.0	Total/NA	Solid	3546	
570-106769-39	DUP 7	Total/NA	Solid	3546	
570-106769-40	SS-39-2.0	Total/NA	Solid	3546	
570-106769-41	SS-40-0.0	Total/NA	Solid	3546	
570-106769-42	SS-40-2.0	Total/NA	Solid	3546	
MB 570-257790/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-257790/2-A	Lab Control Sample	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 257790 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 570-257790/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Prep Batch: 257791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-18	SS-30-0.0	Total/NA	Solid	3546	
570-106769-19	DUP 5	Total/NA	Solid	3546	
570-106769-20	SS-30-2.0	Total/NA	Solid	3546	
570-106769-21	SS-31-0.0	Total/NA	Solid	3546	
570-106769-22	SS-31-2.0	Total/NA	Solid	3546	
570-106769-23	SS-32-0.0	Total/NA	Solid	3546	
570-106769-24	SS-32-2.0	Total/NA	Solid	3546	
570-106769-25	SS-33-0.0	Total/NA	Solid	3546	
570-106769-26	SS-33-2.0	Total/NA	Solid	3546	
570-106769-27	SS-34-0.0	Total/NA	Solid	3546	
570-106769-28	SS-34-2.0	Total/NA	Solid	3546	
570-106769-29	SS-35-0.0	Total/NA	Solid	3546	
570-106769-30	DUP 6	Total/NA	Solid	3546	
570-106769-31	SS-35-2.0	Total/NA	Solid	3546	
570-106769-32	SS-36-0.0	Total/NA	Solid	3546	
570-106769-33	SS-36-2.0	Total/NA	Solid	3546	
570-106769-34	SS-37-0.0	Total/NA	Solid	3546	
570-106769-35	SS-37-2.0	Total/NA	Solid	3546	
570-106769-36	SS-38-0.0	Total/NA	Solid	3546	
MB 570-257791/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-257791/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-257791/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-106769-18 MS	SS-30-0.0	Total/NA	Solid	3546	
570-106769-18 MSD	SS-30-0.0	Total/NA	Solid	3546	

Prep Batch: 257825

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-1	SS-23-1.0	Total/NA	Solid	3550C	
570-106769-2	SS-23-A1-0.0	Total/NA	Solid	3550C	
570-106769-5	SS-23-B1-0.0	Total/NA	Solid	3550C	
570-106769-8	SS-23-C1-0.0	Total/NA	Solid	3550C	
570-106769-11 - RA2	SS-23-D1-0.0	Total/NA	Solid	3550C	
570-106769-14	SS-24-1.0	Total/NA	Solid	3550C	
570-106769-15	SS-24-A1-0.0	Total/NA	Solid	3550C	
MB 570-257825/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-257825/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCS 570-257825/6-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-257825/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
LCSD 570-257825/7-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Analysis Batch: 258171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-1	SS-23-1.0	Total/NA	Solid	8015B	257825

Analysis Batch: 258208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-18	SS-30-0.0	Total/NA	Solid	8081A	257791

GC Semi VOA (Continued)

Analysis Batch: 258208 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-18	SS-30-0.0	Total/NA	Solid	8081A	257791
570-106769-19	DUP 5	Total/NA	Solid	8081A	257791
570-106769-19	DUP 5	Total/NA	Solid	8081A	257791
570-106769-20	SS-30-2.0	Total/NA	Solid	8081A	257791
570-106769-21	SS-31-0.0	Total/NA	Solid	8081A	257791
570-106769-21	SS-31-0.0	Total/NA	Solid	8081A	257791
570-106769-22	SS-31-2.0	Total/NA	Solid	8081A	257791
570-106769-23	SS-32-0.0	Total/NA	Solid	8081A	257791
570-106769-23	SS-32-0.0	Total/NA	Solid	8081A	257791
570-106769-24	SS-32-2.0	Total/NA	Solid	8081A	257791
570-106769-25	SS-33-0.0	Total/NA	Solid	8081A	257791
570-106769-25	SS-33-0.0	Total/NA	Solid	8081A	257791
570-106769-26	SS-33-2.0	Total/NA	Solid	8081A	257791
570-106769-27	SS-34-0.0	Total/NA	Solid	8081A	257791
570-106769-27	SS-34-0.0	Total/NA	Solid	8081A	257791
570-106769-28	SS-34-2.0	Total/NA	Solid	8081A	257791
570-106769-29	SS-35-0.0	Total/NA	Solid	8081A	257791
570-106769-29	SS-35-0.0	Total/NA	Solid	8081A	257791
570-106769-29	SS-35-0.0	Total/NA	Solid	8081A	257791
570-106769-30	DUP 6	Total/NA	Solid	8081A	257791
570-106769-30	DUP 6	Total/NA	Solid	8081A	257791
570-106769-30	DUP 6	Total/NA	Solid	8081A	257791
570-106769-31	SS-35-2.0	Total/NA	Solid	8081A	257791
570-106769-31	SS-35-2.0	Total/NA	Solid	8081A	257791
570-106769-32	SS-36-0.0	Total/NA	Solid	8081A	257791
570-106769-32	SS-36-0.0	Total/NA	Solid	8081A	257791
570-106769-32	SS-36-0.0	Total/NA	Solid	8081A	257791
570-106769-33	SS-36-2.0	Total/NA	Solid	8081A	257791
570-106769-34	SS-37-0.0	Total/NA	Solid	8081A	257791
570-106769-34	SS-37-0.0	Total/NA	Solid	8081A	257791
570-106769-35	SS-37-2.0	Total/NA	Solid	8081A	257791
570-106769-36	SS-38-0.0	Total/NA	Solid	8081A	257791
MB 570-257791/1-A	Method Blank	Total/NA	Solid	8081A	257791
LCS 570-257791/2-A	Lab Control Sample	Total/NA	Solid	8081A	257791
LCSD 570-257791/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	257791
570-106769-18 MS	SS-30-0.0	Total/NA	Solid	8081A	257791
570-106769-18 MSD	SS-30-0.0	Total/NA	Solid	8081A	257791

Analysis Batch: 258360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-2	SS-23-A1-0.0	Total/NA	Solid	8015B	257825
570-106769-5	SS-23-B1-0.0	Total/NA	Solid	8015B	257825
570-106769-8	SS-23-C1-0.0	Total/NA	Solid	8015B	257825
570-106769-14	SS-24-1.0	Total/NA	Solid	8015B	257825

Analysis Batch: 258562

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-36	SS-38-0.0	Total/NA	Solid	8081A	257791

GC Semi VOA

Analysis Batch: 258771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-37	SS-38-2.0	Total/NA	Solid	8081A	257790
570-106769-38	SS-39-0.0	Total/NA	Solid	8081A	257790
570-106769-38	SS-39-0.0	Total/NA	Solid	8081A	257790
570-106769-39	DUP 7	Total/NA	Solid	8081A	257790
570-106769-39	DUP 7	Total/NA	Solid	8081A	257790
570-106769-39	DUP 7	Total/NA	Solid	8081A	257790
570-106769-40	SS-39-2.0	Total/NA	Solid	8081A	257790
570-106769-40	SS-39-2.0	Total/NA	Solid	8081A	257790
570-106769-41	SS-40-0.0	Total/NA	Solid	8081A	257790
570-106769-41	SS-40-0.0	Total/NA	Solid	8081A	257790
570-106769-42	SS-40-2.0	Total/NA	Solid	8081A	257790
MB 570-257790/1-A	Method Blank	Total/NA	Solid	8081A	257790
LCS 570-257790/2-A	Lab Control Sample	Total/NA	Solid	8081A	257790
LCSD 570-257790/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	257790

Analysis Batch: 258827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-11 - RA2	SS-23-D1-0.0	Total/NA	Solid	8015B	257825
570-106769-15	SS-24-A1-0.0	Total/NA	Solid	8015B	257825

Prep Batch: 259887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-12	SS-23-D1-1.0	Total/NA	Solid	3550C	
570-106769-13	SS-23-D2-0.0	Total/NA	Solid	3550C	
MB 570-259887/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-259887/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCS 570-259887/6-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-259887/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
LCSD 570-259887/7-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Analysis Batch: 260105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-12	SS-23-D1-1.0	Total/NA	Solid	8015B	259887
570-106769-13	SS-23-D2-0.0	Total/NA	Solid	8015B	259887
MB 570-259887/1-A	Method Blank	Total/NA	Solid	8015B	259887
LCS 570-259887/2-A	Lab Control Sample	Total/NA	Solid	8015B	259887
LCS 570-259887/6-A	Lab Control Sample	Total/NA	Solid	8015B	259887
LCSD 570-259887/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	259887
LCSD 570-259887/7-A	Lab Control Sample Dup	Total/NA	Solid	8015B	259887

Metals

Prep Batch: 257927

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-18	SS-30-0.0	Total/NA	Solid	3050B	
570-106769-19	DUP 5	Total/NA	Solid	3050B	
570-106769-21	SS-31-0.0	Total/NA	Solid	3050B	
MB 570-257927/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-257927/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-257927/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Metals

Prep Batch: 257962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-23	SS-32-0.0	Total/NA	Solid	3050B	
570-106769-25	SS-33-0.0	Total/NA	Solid	3050B	
570-106769-27	SS-34-0.0	Total/NA	Solid	3050B	
570-106769-29	SS-35-0.0	Total/NA	Solid	3050B	
570-106769-30	DUP 6	Total/NA	Solid	3050B	
570-106769-32	SS-36-0.0	Total/NA	Solid	3050B	
570-106769-34	SS-37-0.0	Total/NA	Solid	3050B	
570-106769-36	SS-38-0.0	Total/NA	Solid	3050B	
570-106769-38	SS-39-0.0	Total/NA	Solid	3050B	
570-106769-41	SS-40-0.0	Total/NA	Solid	3050B	
MB 570-257962/1-A ^5	Method Blank	Total/NA	Solid	3050B	
LCS 570-257962/2-A ^5	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-257962/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	3050B	

Analysis Batch: 258191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-257962/1-A ^5	Method Blank	Total/NA	Solid	6010B	257962
LCS 570-257962/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	257962
LCSD 570-257962/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	257962

Analysis Batch: 258238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-23	SS-32-0.0	Total/NA	Solid	6010B	257962
570-106769-25	SS-33-0.0	Total/NA	Solid	6010B	257962
570-106769-27	SS-34-0.0	Total/NA	Solid	6010B	257962
570-106769-29	SS-35-0.0	Total/NA	Solid	6010B	257962
570-106769-30	DUP 6	Total/NA	Solid	6010B	257962
570-106769-32	SS-36-0.0	Total/NA	Solid	6010B	257962
570-106769-34	SS-37-0.0	Total/NA	Solid	6010B	257962
570-106769-36	SS-38-0.0	Total/NA	Solid	6010B	257962
570-106769-38	SS-39-0.0	Total/NA	Solid	6010B	257962
570-106769-41	SS-40-0.0	Total/NA	Solid	6010B	257962

Analysis Batch: 258539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106769-18	SS-30-0.0	Total/NA	Solid	6010B	257927
570-106769-19	DUP 5	Total/NA	Solid	6010B	257927
570-106769-21	SS-31-0.0	Total/NA	Solid	6010B	257927
MB 570-257927/1-A ^5	Method Blank	Total/NA	Solid	6010B	257927
LCS 570-257927/2-A ^5	Lab Control Sample	Total/NA	Solid	6010B	257927
LCSD 570-257927/3-A ^5	Lab Control Sample Dup	Total/NA	Solid	6010B	257927

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-23-1.0
Lab Sample ID: 570-106769-1
Date Collected: 08/15/22 11:40
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.661 g	5 mL	257719	08/18/22 10:03	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	257714	08/18/22 12:27	U1MC	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.22 g	10 mL	257825	08/18/22 15:17	KG5J	EET CAL
Total/NA	Analysis	8015B		1			258171	08/20/22 07:22	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-23-A1-0.0
Lab Sample ID: 570-106769-2
Date Collected: 08/15/22 11:59
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.653 g	5 mL	257719	08/18/22 10:03	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	257714	08/18/22 12:51	U1MC	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.07 g	10 mL	257825	08/18/22 15:17	KG5J	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258360	08/22/22 12:36	N5Y3	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-23-B1-0.0
Lab Sample ID: 570-106769-5
Date Collected: 08/15/22 12:52
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.271 g	5 mL	257719	08/18/22 10:03	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	257714	08/18/22 14:03	U1MC	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.09 g	10 mL	257825	08/18/22 15:17	KG5J	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258360	08/22/22 12:56	N5Y3	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-23-C1-0.0
Lab Sample ID: 570-106769-8
Date Collected: 08/15/22 15:05
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.595 g	5 mL	257719	08/18/22 10:03	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	257714	08/18/22 15:15	U1MC	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			9.88 g	10 mL	257825	08/18/22 15:17	KG5J	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258360	08/22/22 13:17	N5Y3	EET CAL
	Instrument ID: GC48									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-23-D1-0.0
Lab Sample ID: 570-106769-11
Date Collected: 08/15/22 14:35
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.37 g	5 mL	257719	08/18/22 10:03	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	257714	08/18/22 15:39	U1MC	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C	RA2		10.08 g	10 mL	257825	08/18/22 15:17	KG5J	EET CAL
Total/NA	Analysis	8015B	RA2	2	10 mL	10 mL	258827	08/25/22 09:07	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-23-D1-1.0
Lab Sample ID: 570-106769-12
Date Collected: 08/15/22 14:45
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.031 g	5 mL	257719	08/18/22 10:03	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	260059	08/29/22 12:31	P1R	EET CAL
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.22 g	10 mL	259887	08/28/22 10:21	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	260105	08/29/22 20:48	N5Y3	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-23-D2-0.0
Lab Sample ID: 570-106769-13
Date Collected: 08/15/22 14:55
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.683 g	5 mL	257719	08/18/22 10:03	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	260059	08/29/22 12:59	P1R	EET CAL
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.22 g	10 mL	259887	08/28/22 10:21	RY4P	EET CAL
Total/NA	Analysis	8015B		5	10 mL	10 mL	260105	08/30/22 09:47	N5Y3	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-24-1.0
Lab Sample ID: 570-106769-14
Date Collected: 08/15/22 15:28
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.763 g	5 mL	257719	08/18/22 10:03	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	257714	08/18/22 16:03	U1MC	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.15 g	10 mL	257825	08/18/22 15:17	KG5J	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258360	08/22/22 13:58	N5Y3	EET CAL
	Instrument ID: GC48									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-24-A1-0.0
Lab Sample ID: 570-106769-15
Date Collected: 08/15/22 15:38
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.869 g	5 mL	257719	08/18/22 10:03	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	257714	08/18/22 18:28	U1MC	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.19 g	10 mL	257825	08/18/22 15:17	KG5J	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258827	08/25/22 00:29	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-30-0.0
Lab Sample ID: 570-106769-18
Date Collected: 08/15/22 09:30
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.20 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 07:01	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.20 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		20	1 mL	1 mL	258208	08/22/22 15:02	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			2.00 g	50 mL	257927	08/19/22 12:00	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258539	08/22/22 14:38	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: DUP 5
Lab Sample ID: 570-106769-19
Date Collected: 08/15/22 09:30
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.34 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 07:16	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.34 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		50	1 mL	1 mL	258208	08/22/22 15:17	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			1.99 g	50 mL	257927	08/19/22 12:00	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258539	08/22/22 14:41	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: SS-30-2.0
Lab Sample ID: 570-106769-20
Date Collected: 08/15/22 09:35
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.17 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 07:31	N5Y3	EET CAL
	Instrument ID: GC54A									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-31-0.0
Lab Sample ID: 570-106769-21
Date Collected: 08/15/22 10:39
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.40 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 07:46	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.40 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		100	1 mL	1 mL	258208	08/22/22 15:32	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			2.00 g	50 mL	257927	08/19/22 12:00	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258539	08/22/22 14:43	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: SS-31-2.0
Lab Sample ID: 570-106769-22
Date Collected: 08/15/22 10:45
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.33 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		50	1 mL	1 mL	258208	08/22/22 15:47	N5Y3	EET CAL
	Instrument ID: GC54A									

Client Sample ID: SS-32-0.0
Lab Sample ID: 570-106769-23
Date Collected: 08/15/22 09:55
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.04 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 08:17	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.04 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		50	1 mL	1 mL	258208	08/22/22 16:02	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			2.01 g	50 mL	257962	08/19/22 12:30	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258238	08/19/22 19:37	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: SS-32-2.0
Lab Sample ID: 570-106769-24
Date Collected: 08/15/22 09:58
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.13 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 08:32	N5Y3	EET CAL
	Instrument ID: GC54A									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-33-0.0
Lab Sample ID: 570-106769-25
Date Collected: 08/15/22 09:15
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.33 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 08:47	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.33 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		10	1 mL	1 mL	258208	08/22/22 16:17	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			2.00 g	50 mL	257962	08/19/22 12:30	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258238	08/19/22 19:39	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: SS-33-2.0
Lab Sample ID: 570-106769-26
Date Collected: 08/15/22 09:18
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.13 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 09:02	N5Y3	EET CAL
	Instrument ID: GC54A									

Client Sample ID: SS-34-0.0
Lab Sample ID: 570-106769-27
Date Collected: 08/15/22 09:43
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.36 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 09:17	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.36 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		20	1 mL	1 mL	258208	08/22/22 16:32	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			2.01 g	50 mL	257962	08/19/22 12:30	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258238	08/19/22 19:42	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: SS-34-2.0
Lab Sample ID: 570-106769-28
Date Collected: 08/15/22 09:48
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.08 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 09:32	N5Y3	EET CAL
	Instrument ID: GC54A									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-35-0.0
Lab Sample ID: 570-106769-29
Date Collected: 08/15/22 09:23
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.22 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 09:47	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.22 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		10	1 mL	1 mL	258208	08/22/22 16:47	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.22 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		100	1 mL	1 mL	258208	08/22/22 17:02	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			2.02 g	50 mL	257962	08/19/22 12:30	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258238	08/19/22 19:44	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: DUP 6
Lab Sample ID: 570-106769-30
Date Collected: 08/15/22 09:23
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.14 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 10:02	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.14 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		10	1 mL	1 mL	258208	08/22/22 17:17	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.14 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		100	1 mL	1 mL	258208	08/22/22 17:32	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			1.98 g	50 mL	257962	08/19/22 12:30	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258238	08/19/22 19:47	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: SS-35-2.0
Lab Sample ID: 570-106769-31
Date Collected: 08/15/22 09:28
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.10 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 10:17	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.10 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		10	1 mL	1 mL	258208	08/22/22 17:47	N5Y3	EET CAL
	Instrument ID: GC54A									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-36-0.0
Lab Sample ID: 570-106769-32
Date Collected: 08/15/22 10:02
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.38 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 10:32	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.38 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		10	1 mL	1 mL	258208	08/22/22 18:02	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.38 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		100	1 mL	1 mL	258208	08/22/22 18:17	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			1.99 g	50 mL	257962	08/19/22 12:30	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258238	08/19/22 19:49	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: SS-36-2.0
Lab Sample ID: 570-106769-33
Date Collected: 08/15/22 10:07
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.14 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 10:47	N5Y3	EET CAL
	Instrument ID: GC54A									

Client Sample ID: SS-37-0.0
Lab Sample ID: 570-106769-34
Date Collected: 08/15/22 10:29
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.06 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 11:02	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.06 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		10	1 mL	1 mL	258208	08/22/22 18:33	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			1.98 g	50 mL	257962	08/19/22 12:30	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258238	08/19/22 19:52	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: SS-37-2.0
Lab Sample ID: 570-106769-35
Date Collected: 08/15/22 10:33
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.19 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 11:16	N5Y3	EET CAL
	Instrument ID: GC54A									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-38-0.0
Lab Sample ID: 570-106769-36
Date Collected: 08/15/22 11:10
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.14 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258208	08/22/22 11:31	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.14 g	10 mL	257791	08/18/22 13:05	USUL	EET CAL
Total/NA	Analysis	8081A		10	1 mL	1 mL	258562	08/23/22 19:48	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			1.99 g	50 mL	257962	08/19/22 12:30	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258238	08/19/22 19:54	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: SS-38-2.0
Lab Sample ID: 570-106769-37
Date Collected: 08/15/22 11:13
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.31 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258771	08/24/22 07:32	N5Y3	EET CAL
	Instrument ID: GC54A									

Client Sample ID: SS-39-0.0
Lab Sample ID: 570-106769-38
Date Collected: 08/15/22 10:55
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.15 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258771	08/24/22 07:47	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.15 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL
Total/NA	Analysis	8081A		20	1 mL	1 mL	258771	08/24/22 13:31	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			2.02 g	50 mL	257962	08/19/22 12:30	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258238	08/19/22 19:56	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: DUP 7
Lab Sample ID: 570-106769-39
Date Collected: 08/15/22 10:55
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.20 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258771	08/24/22 08:02	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.20 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL
Total/NA	Analysis	8081A		10	1 mL	1 mL	258771	08/24/22 13:46	N5Y3	EET CAL
	Instrument ID: GC54A									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: DUP 7
Lab Sample ID: 570-106769-39
Date Collected: 08/15/22 10:55
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.20 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL 4
Total/NA	Analysis	8081A		100	1 mL	1 mL	258771	08/24/22 14:01	N5Y3	EET CAL
	Instrument ID: GC54A									

Client Sample ID: SS-39-2.0
Lab Sample ID: 570-106769-40
Date Collected: 08/15/22 11:02
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.20 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258771	08/24/22 08:17	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.20 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL
Total/NA	Analysis	8081A		5	1 mL	1 mL	258771	08/24/22 14:16	N5Y3	EET CAL
	Instrument ID: GC54A									

Client Sample ID: SS-40-0.0
Lab Sample ID: 570-106769-41
Date Collected: 08/15/22 10:12
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.01 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258771	08/24/22 08:32	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3546			20.01 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL
Total/NA	Analysis	8081A		20	1 mL	1 mL	258771	08/24/22 14:31	N5Y3	EET CAL
	Instrument ID: GC54A									
Total/NA	Prep	3050B			2.01 g	50 mL	257962	08/19/22 12:30	CS5Z	EET CAL
Total/NA	Analysis	6010B		5			258238	08/19/22 19:59	P1R	EET CAL
	Instrument ID: ICP11									

Client Sample ID: SS-40-2.0
Lab Sample ID: 570-106769-42
Date Collected: 08/15/22 10:16
Matrix: Solid
Date Received: 08/17/22 10:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			20.06 g	10 mL	257790	08/18/22 13:00	USUL	EET CAL 4
Total/NA	Analysis	8081A		1	1 mL	1 mL	258771	08/24/22 08:47	N5Y3	EET CAL
	Instrument ID: GC54A									

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Tetra Tech, Inc. Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Laboratory: Eurofins Calscience

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8081A	3546	Solid	alpha-Chlordane
8081A	3546	Solid	gamma-Chlordane

Method Summary

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method	Method Description	Protocol	Laboratory
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
8081A	Organochlorine Pesticides (GC)	SW846	EET CAL 4
6010B	Metals (ICP)	SW846	EET CAL 4
3050B	Preparation, Metals	SW846	EET CAL 4
3546	Microwave Extraction	SW846	EET CAL 4
3550C	Ultrasonic Extraction	SW846	EET CAL 4
5035	Closed System Purge and Trap	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Tetra Tech, Inc.
Job ID: 570-106769-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-106769-1	SS-23-1.0	Solid	08/15/22 11:40	08/17/22 10:00
570-106769-2	SS-23-A1-0.0	Solid	08/15/22 11:59	08/17/22 10:00
570-106769-5	SS-23-B1-0.0	Solid	08/15/22 12:52	08/17/22 10:00
570-106769-8	SS-23-C1-0.0	Solid	08/15/22 15:05	08/17/22 10:00
570-106769-11	SS-23-D1-0.0	Solid	08/15/22 14:35	08/17/22 10:00
570-106769-12	SS-23-D1-1.0	Solid	08/15/22 14:45	08/17/22 10:00
570-106769-13	SS-23-D2-0.0	Solid	08/15/22 14:55	08/17/22 10:00
570-106769-14	SS-24-1.0	Solid	08/15/22 15:28	08/17/22 10:00
570-106769-15	SS-24-A1-0.0	Solid	08/15/22 15:38	08/17/22 10:00
570-106769-18	SS-30-0.0	Solid	08/15/22 09:30	08/17/22 10:00
570-106769-19	DUP 5	Solid	08/15/22 09:30	08/17/22 10:00
570-106769-20	SS-30-2.0	Solid	08/15/22 09:35	08/17/22 10:00
570-106769-21	SS-31-0.0	Solid	08/15/22 10:39	08/17/22 10:00
570-106769-22	SS-31-2.0	Solid	08/15/22 10:45	08/17/22 10:00
570-106769-23	SS-32-0.0	Solid	08/15/22 09:55	08/17/22 10:00
570-106769-24	SS-32-2.0	Solid	08/15/22 09:58	08/17/22 10:00
570-106769-25	SS-33-0.0	Solid	08/15/22 09:15	08/17/22 10:00
570-106769-26	SS-33-2.0	Solid	08/15/22 09:18	08/17/22 10:00
570-106769-27	SS-34-0.0	Solid	08/15/22 09:43	08/17/22 10:00
570-106769-28	SS-34-2.0	Solid	08/15/22 09:48	08/17/22 10:00
570-106769-29	SS-35-0.0	Solid	08/15/22 09:23	08/17/22 10:00
570-106769-30	DUP 6	Solid	08/15/22 09:23	08/17/22 10:00
570-106769-31	SS-35-2.0	Solid	08/15/22 09:28	08/17/22 10:00
570-106769-32	SS-36-0.0	Solid	08/15/22 10:02	08/17/22 10:00
570-106769-33	SS-36-2.0	Solid	08/15/22 10:07	08/17/22 10:00
570-106769-34	SS-37-0.0	Solid	08/15/22 10:29	08/17/22 10:00
570-106769-35	SS-37-2.0	Solid	08/15/22 10:33	08/17/22 10:00
570-106769-36	SS-38-0.0	Solid	08/15/22 11:10	08/17/22 10:00
570-106769-37	SS-38-2.0	Solid	08/15/22 11:13	08/17/22 10:00
570-106769-38	SS-39-0.0	Solid	08/15/22 10:55	08/17/22 10:00
570-106769-39	DUP 7	Solid	08/15/22 10:55	08/17/22 10:00
570-106769-40	SS-39-2.0	Solid	08/15/22 11:02	08/17/22 10:00
570-106769-41	SS-40-0.0	Solid	08/15/22 10:12	08/17/22 10:00
570-106769-42	SS-40-2.0	Solid	08/15/22 10:16	08/17/22 10:00

Patel, Vikas

From: Steele, James <Jim.STEELE@tetratech.com>
Sent: Friday, August 26, 2022 2:46 PM
To: Patel, Vikas
Cc: Westhaus, Randy
Subject: RE: Preliminary Eurofins Calscience report and EDD files from 570-106769-1 Rio Del Valle MS Expansion / 112G-SBA-T4
Attachments: COC Excerpt from J106860-1 UDS Level 2 Report Prelim Report (Watermarked).pdf; COC Excerpt from J106769-1 UDS Level 2 Report Prelim Report (Watermarked).pdf

Hello Vic.

I have reviewed the TPHg, TPHd, and TPHm soil sample results in the preliminary laboratory reports sent to me today, Eurofins laboratory reports 570-106860-1 and 570-106869-1.

Please analyze the following soil samples for TPHg, TPHd, and TPHm via method 8015B as indicated on the attached marked COC pages from the laboratory reports:

- Eurofins laboratory report 570-106860-1, samples DUP 3, SS-26-B1-1.0, and SS-26-B2-0.0.
- Eurofins laboratory report 570-106869-1, samples DUP 2, SS-23-D1-1.0, and SS-23-D2-0.0.

Please start the sample analysis before the sample holding time expires.

Please let me know that you have received this email and can perform these analyses.

Thanks,

Jim

106769

TETRA TECH

COC ID: | SDG: | TURNAROUND TIME: Standard | PAGE: 1 of 12 6

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the reciept of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et eurofinsus com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech com			
Project Number	112G-SBA-T4501 Task 05	City	Tustin	State CA
SAMPLERS		Postal Code	92780	
Sampler's Name	Brent Haas & Shelby Valenza	Phone Number	714-895-5494	
Sampler's Signature	B Haas	Quote Number		
Sampler 2	Shelby Valenza	PO Number	112G-SBA-T41501 Task 05	
Sampler 3				

SAMPLE DETAILS						ANALYSIS REQUESTED				
Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	SW8015B (TPHg C4-C12)	SW8015B (TPHd/m C10-C-28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
SS-10-C2-0 0			Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
SS-10-D1-0 0			Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
SS-10-D1-1 0			Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
SS-10-D2-0 0			Soil	G	4	X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
1 SS-23-1 0	8/15/22	1140	Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
2 SS-23-A1-0 0	8/15/22	1159	Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
3 SS-23-A1-1 0	8/15/22	1208	Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
4 SS-23-A2-0 0	8/15/22	1228	Soil	G	4	X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
5 SS-23-B1-0 0	8/15/22	1252	Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
6 SS-23-B1-1 0	8/15/22	1325	Soil	G	4	X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
Cooler Count	3	Cooler Temp								

570-106769 Chain of Custody

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
B Haas (ET)			
James T Steele ET	8/16/22 0730		8/17/22 1000

37/37 41/41 15/15 SC12

9/2/2022

TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 12 of 12

CLIENT/PROJECT INFORMATION	
Client	Rio School District
Project Name	Rio Del Valle Middle School SSI
Project Manager	Jim Steele
Phone Number	805-681-1302
Email Address	jim steele@tetratech com
Project Number	112G-SBA-T4501 Task 05

SAMPLERS	
Sampler's Name	Brent Haas & Shelby Valenza
Sampler's Signature	
Sampler 2	Shelby Valenza
Sampler 3	

LABORATORY	
Lab Name	Eurofins Calscience, Inc.
Lab Contact	Vikas Patel
Email	vikas patel@et.eurofinsus com
Address	2841 Dow Avenue, Suite 100
City	Tustin
State	CA
Postal Code	92780
Phone Number	714-895-5494
Quote Number	
PO Number	112G-SBA-T41501 Task 05

SPECIAL INSTRUCTIONS/COMMENTS

The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the receipt of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech

SAMPLE DETAILS / **ANALYSIS REQUESTED**

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C12)	SW8015B (TPHd/m C10-C28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
7	SS-23-B2-0 0	8/15/22	1415	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
8	SS-23-C1-0 0	8/15/22	1505	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
9	SS-23-C1-1 0	8/15/22	1512	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
10	SS-23-C2-0 0	8/15/22	1518	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
11	SS-23-D1-0 0	8/15/22	1435	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
12	SS-23-D1-1 0	8/15/22	1445	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
13	SS-23-D2-0 0	8/15/22	1455	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
14	SS-24-1.0	8/15/22	1528	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
15	SS-24-A1-0 0	8/15/22	1538	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
16	SS-24-A1-1 0	8/15/22	1548	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
	Cooler Count	3	Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
James K Steele TC	8/16/22 1730	EC	8/17/22 1000

106769

TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE. 13 of 16

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the reciept of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et eurofinsus com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech com			
Project Number	112G-SBA-T4501 Task 05	City	Tustin	State CA
SAMPLERS		Postal Code	92780	
Sampler's Name	Brent Haas & Shelby Valenza	Phone Number	714-895-5494	
Sampler's Signature		Quote Number		
Sampler 2		PO Number	112G-SBA-T41501 Task 05	
Sampler 3				

SAMPLE DETAILS						ANALYSIS REQUESTED				
Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	SW8015B (TPHg C4-C-12)	SW8015B (TPHd/m C10-C-28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
SS-24-A2-0 0	8/15/22	1553	Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
SS-24-B1-0 0			Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
DUP 2			Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
SS-24-B1-1 0			Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
SS-24-B2-0 0			Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
SS-24-C1-0.0			Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
SS-24-C1-1 0			Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
SS-24-C2-0 0			Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
SS-24-D1-0 0			Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
SS-24-D1-1 0			Soil	G	4	X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
Cooler Count	3	Cooler Temp								

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
James K Steele TE	8/16/22 1736		8/17/22 1010

17

9/2/2022

106769

TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 14 of 15 6

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the receipt of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et eurofinsus com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech.com			
Project Number	112G-SBA-T4501 Task 05	City	Tustin State CA	
SAMPLERS		Postal Code	92780	
Sampler's Name	Brent Haas & Shelby Valenza	Phone Number	714-895-5494	
Sampler's Signature	B Haas	Quote Number		
Sampler 2	Shelby Valenza	PO Number	112G-SBA-T41501 Task 05	
Sampler 3				

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C-12)	SW8015B (TPHd/m C10-C-28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
	SS-29-D1-1 0			Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
	SS-29-D2-0 0			Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
18	SS-30-0 0	08/15/22	0930	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on receipt by laboratory
19	DUP 5	08/15/22	0930	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on receipt by laboratory
20	SS-30-2.0	08/15/22	0935	Soil	G	1				X		Sample Set 1 To be analyzed starting on receipt by laboratory
21	SS-31-0.0	08/15/22	1039	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on receipt by laboratory
22	SS-31-2.0	08/15/22	1045	Soil	G	1				X		Sample Set 1 To be analyzed starting on receipt by laboratory
23	SS-32-0 0	8/15/22	0955	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on receipt by laboratory
24	SS-32-2 0	8/15/22	0958	Soil	G	1				X		Sample Set 1 To be analyzed starting on receipt by laboratory
25	SS-33-0.0	8/15/22	0915	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on receipt by laboratory
	Cooler Count	3	Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
James K Steele TE	8/16/22 1736	EC	8/17/22 1000

9/2/2022

106769

TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 11 of 12

CLIENT/PROJECT INFORMATION	
Client	Rio School District
Project Name	Rio Del Valle Middle School SSI
Project Manager	Jim Steele
Phone Number	805-681-1302
Email Address	jim steele@tetratech com
Project Number	112G-SBA-T4501 Task 05

SAMPLERS	
Sampler's Name	Brent Haas & Shelby Valenza
Sampler's Signature	BHaas
Sampler 2	Shelby Valenza
Sampler 3	

LABORATORY	
Lab Name	Eurofins Calscience, Inc.
Lab Contact	Vikas Patel
Email	vikas patel@et.eurofinsus com
Address	2841 Dow Avenue, Suite 100
City	Tustin
State	CA
Postal Code	92780
Phone Number	714-895 5494
Quote Number	
PO Number	112G-SBA-T41501 Task 05

SPECIAL INSTRUCTIONS/COMMENTS

The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the reciept of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech

SAMPLE DETAILS / **ANALYSIS REQUESTED**

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C12)	SW8015B (TPHd/m C10-C-28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
26	SS-33-2.0	8/15/22	0918	Soil	G	1				X		Sample Set 1 To be analyzed starting on reciept by laboratory
27	SS-34-0.0	8/15/22	0943	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on reciept by laboratory
28	SS-34-2.0	8/15/22	0948	Soil	G	1				X		Sample Set 1 To be analyzed starting on reciept by laboratory
29	SS-35-0 0	08/15/22	0923	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on reciept by laboratory
30	DUP 6	08/15/22	0923	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on reciept by laboratory
31	SS-35-2.0	08/15/22	0928	Soil	G	1				X		Sample Set 1 To be analyzed starting on reciept by laboratory
32	SS-36-0.0	08/15/22	1002	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on reciept by laboratory
33	SS-36-2 0	08/15/22	1007	Soil	G	1				X		Sample Set 1 To be analyzed starting on reciept by laboratory
34	SS-37-0 0	08/15/22	1029	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on reciept by laboratory
35	SS-37-2 0	08/15/22	1033	Soil	G	1				X		Sample Set 1 To be analyzed starting on reciept by laboratory
	Cooler Count	3	Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
Jamie R Steele TE	8/16/22 1726	EC	8/17/22 1000

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9/2/2022

106769

TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 12 6 of 12 6

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the reciept of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et.eurofinsus.com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech com			
Project Number	112G-SBA-T4501 Task 05	City	Tustin State CA	
SAMPLERS		Postal Code	92780	
Sampler's Name	Brent Haas & Shelby Valenza	Phone Number	714-895-5494	
Sampler's Signature		Quote Number		
Sampler 2	Shelby Valenza	PO Number	112G-SBA-T41501 Task 05	
Sampler 3				

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C12)	SW8015B (TPHd/m C10-C28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
36	SS-38-0 0	8/15/22	1110	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on reciept by laboratory
37	SS-38-2.0	8/15/22	1113	Soil	G	1				X		Sample Set 1 To be analyzed starting on reciept by laboratory
38	SS-39-0 0	8/15/22	1055	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on reciept by laboratory
39	DUP 7	8/15/22	1055	Soil	G	1				X		Sample Set 1 To be analyzed starting on reciept by laboratory
40	SS-39-2.0	8/15/22	1102	Soil	G	1				X		Sample Set 1 To be analyzed starting on reciept by laboratory
41	SS-40-0 0	8/15/22	1012	Soil	G	1				X	X	Sample Set 1 To be analyzed starting on reciept by laboratory
42	SS-40-2 0	8/15/22	1016	Soil	G	1				X		Sample Set 1 To be analyzed starting on reciept by laboratory
	Cooler Count	3	Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
James K Steele TE	8/16/22 1230	EC	8/17/22 1006

JAMES STEELE

5383 HOLLISTER AVE
SUITE 130
SANTA BARBARA, CA 93111
UNITED STATES US

ACTWGT 12.00 LB
CAD 255272449/INET4490

BILL SENDER

TO EUROFINS CALSCIENCE SAMPLE REC.
EUROFINS CALSCIENCE INC
2841 DOW AVENUE
SUITE 100
TUSTIN CA 92780

(714) 895-5494 REF SBA-T41501-05—STEELE
INV
PO DEPT

581J2/F39D/FE2D

570-106769 Waybill

FedEx Express

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PRIORITY OVERNIGHT

TRK# 0201 7776 7923 7698

92 DTHA

92780
CA-US SNA

TRK# 0201 7776 7927 4155

PRIORITY OVERNIGHT

92 DTHA

92780
CA-US SNA

TRK# 0201 7776 7926 2747

PRIORITY OVERNIGHT

92 DTHA

92780
CA-US SNA

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Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 570-106769-1

Login Number: 106769
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

Eurofins Calscience
2841 Dow Avenue, Suite 100
Tustin, CA 92780
Tel: (714)895-5494

Laboratory Job ID: 570-106860-1
Client Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

For:
Tetra Tech, Inc.
5383 Hollister Ave
Suite 130
Santa Barbara, California 93111

Attn: Mr. Jim Steele

Vik Patel

Authorized for release by:
9/2/2022 11:12:53 AM

Vikas Patel, Project Manager I
(714)895-5494
Vikas.Patel@et.eurofinsus.com

LINKS

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Tetra Tech, Inc. Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Qualifiers

GC VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-106860-1

Laboratory: Eurofins Calscience

Narrative

Job Narrative
570-106860-1

Comments
No additional comments.

Receipt
The samples were received on 8/18/2022 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.5º C, 1.8º C and 2.7º C.

GC VOA
Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-258048. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-258052. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-258056. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

Method 8015B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-260059. The laboratory control sample (LCS) was performed in duplicate (LCSD) to provide precision data for this batch.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8015B: The surrogate recovery for the blank associated with preparation batch 570-258046 and analytical batch 570-258980 was outside the upper control limits.

Method 8015B: The matrix spike (MS) recoveries for preparation batch 570-258046 and analytical batch 570-258980 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-10-1.0 — Lab Sample ID: 570-106860-1

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	16		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	18	J	25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: DUP 1 — Lab Sample ID: 570-106860-2

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	6.3		5.0		3.8	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-10-A1-0.0 — Lab Sample ID: 570-106860-3

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	19		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	29		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-10-B1-0.0 — Lab Sample ID: 570-106860-6

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	20		4.8		3.7	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	29		24		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-10-C1-0.0 — Lab Sample ID: 570-106860-9

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	17		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	23	J	25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-10-D1-0.0 — Lab Sample ID: 570-106860-12

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	19		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	24	J	25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-24-B1-0.0 — Lab Sample ID: 570-106860-15

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.073	J	0.097		0.054	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	28		4.9		3.7	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	44		24		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: DUP 2 — Lab Sample ID: 570-106860-16

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	24		4.9		3.8	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience

Client Sample ID: DUP 2 (Continued) — Lab Sample ID: 570-106860-16

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
TPH as Motor Oil (C17-C44)	87		24		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-24-C1-0.0 — Lab Sample ID: 570-106860-19

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.087	J	0.092		0.051	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	33		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	74		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-25-1.0 — Lab Sample ID: 570-106860-22

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.092	J	0.10		0.056	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	32		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	60		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-25-A1-0.0 — Lab Sample ID: 570-106860-23

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.24		0.11		0.059	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	34		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	64		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-25-B1-0.0 — Lab Sample ID: 570-106860-26

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.094	J	0.10		0.056	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	36		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	80		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-25-C1-0.0 — Lab Sample ID: 570-106860-29

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.16		0.11		0.060	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	33		4.8		3.7	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	80		24		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-25-D1-0.0 — Lab Sample ID: 570-106860-32

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.11		0.10		0.055	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SS-25-D1-0.0 (Continued) — Lab Sample ID: 570-106860-32

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	22		4.9		3.7	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	47		24		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-26-1.0 — Lab Sample ID: 570-106860-35

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	13		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	19	J	25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: DUP 3 — Lab Sample ID: 570-106860-36

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	4.2	J	4.9		3.8	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-26-A1-0.0 — Lab Sample ID: 570-106860-37

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.077	J	0.10		0.056	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	27		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	38		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-26-B1-0.0 — Lab Sample ID: 570-106860-40

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.21		0.10		0.057	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	380		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	400		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-26-B1-1.0 — Lab Sample ID: 570-106860-41

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	5.4		5.0		3.8	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-26-B2-0.0 — Lab Sample ID: 570-106860-42

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.11	J	0.12		0.064	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	81		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	190		25		11	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-26-C1-0.0 — Lab Sample ID: 570-106860-43

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.15		0.10		0.058	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	200		4.9		3.7	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	190	F1	24		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-26-D1-0.0 — Lab Sample ID: 570-106860-46

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.082	J	0.10		0.057	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	71		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	88		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-28-1.0 — Lab Sample ID: 570-106860-49

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	5.7		4.8		3.7	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-28-A1-0.0 — Lab Sample ID: 570-106860-50

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	12		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	15	J	25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-28-D1-0.0 — Lab Sample ID: 570-106860-53

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28] - RA	30		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44) - RA	42		24		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-28-C1-0.0 — Lab Sample ID: 570-106860-56

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.086	J	0.093		0.052	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	21		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	29		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-29-1.0 — Lab Sample ID: 570-106860-59

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.085	J	0.11		0.063	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	10		4.9		3.8	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-29-A1-0.0 — Lab Sample ID: 570-106860-60

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28] - RA	26		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44) - RA	32		25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-29-B1-0.0 — Lab Sample ID: 570-106860-63

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	13		5.0		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	18	J	25		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: DUP 4 — Lab Sample ID: 570-106860-64

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	12		4.8		3.7	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	15	J	24		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-29-C1-0.0 — Lab Sample ID: 570-106860-67

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	11		4.9		3.7	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	14	J	24		11	mg/Kg	1		8015B	Total/NA

Client Sample ID: SS-29-D1-0.0 — Lab Sample ID: 570-106860-70

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (C4-C12)	0.055	J	0.093		0.052	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	15		4.9		3.8	mg/Kg	1		8015B	Total/NA
TPH as Motor Oil (C17-C44)	23	J	25		11	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SS-10-1.0 **Lab Sample ID: 570-106860-1**
Date Collected: 08/16/22 16:10 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.094		0.052	mg/Kg		08/19/22 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*42 - 126*	*08/19/22 11:11*	*08/19/22 15:24*	*1*

Client Sample ID: DUP 1 **Lab Sample ID: 570-106860-2**
Date Collected: 08/16/22 16:10 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.11		0.059	mg/Kg		08/19/22 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*	*08/19/22 11:11*	*08/19/22 15:49*	*1*

Client Sample ID: SS-10-A1-0.0 **Lab Sample ID: 570-106860-3**
Date Collected: 08/16/22 16:15 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.091		0.051	mg/Kg		08/19/22 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*	*08/19/22 11:11*	*08/19/22 16:14*	*1*

Client Sample ID: SS-10-B1-0.0 **Lab Sample ID: 570-106860-6**
Date Collected: 08/16/22 16:40 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.087		0.049	mg/Kg		08/19/22 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*42 - 126*	*08/19/22 11:11*	*08/19/22 16:39*	*1*

Client Sample ID: SS-10-C1-0.0 **Lab Sample ID: 570-106860-9**
Date Collected: 08/16/22 17:00 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.094		0.052	mg/Kg		08/19/22 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*42 - 126*	*08/19/22 11:11*	*08/19/22 17:04*	*1*

Client Sample ID: SS-10-D1-0.0 **Lab Sample ID: 570-106860-12**
Date Collected: 08/16/22 17:15 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.093		0.052	mg/Kg		08/19/22 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*51*		*42 - 126*	*08/19/22 11:11*	*08/19/22 17:30*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SS-24-B1-0.0 **Lab Sample ID: 570-106860-15**
Date Collected: 08/16/22 08:40 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.073	J	0.097		0.054	mg/Kg		08/19/22 17:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*42 - 126*	*08/19/22 11:11*	*08/19/22 17:55*	*1*

Client Sample ID: DUP 2 **Lab Sample ID: 570-106860-16**
Date Collected: 08/16/22 08:40 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.094		0.052	mg/Kg		08/29/22 15:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*72*		*42 - 126*	*08/19/22 11:11*	*08/29/22 15:30*	*1*

Client Sample ID: SS-24-C1-0.0 **Lab Sample ID: 570-106860-19**
Date Collected: 08/16/22 09:00 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.087	J	0.092		0.051	mg/Kg		08/19/22 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*42 - 126*	*08/19/22 11:11*	*08/19/22 18:20*	*1*

Client Sample ID: SS-25-1.0 **Lab Sample ID: 570-106860-22**
Date Collected: 08/16/22 09:28 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.092	J	0.10		0.056	mg/Kg		08/19/22 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*42 - 126*	*08/19/22 11:11*	*08/19/22 15:35*	*1*

Client Sample ID: SS-25-A1-0.0 **Lab Sample ID: 570-106860-23**
Date Collected: 08/16/22 09:34 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.24		0.11		0.059	mg/Kg		08/19/22 15:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*42 - 126*	*08/19/22 11:11*	*08/19/22 15:59*	*1*

Client Sample ID: SS-25-B1-0.0 **Lab Sample ID: 570-106860-26**
Date Collected: 08/16/22 10:03 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.094	J	0.10		0.056	mg/Kg		08/19/22 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*	*08/19/22 11:11*	*08/19/22 16:23*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SS-25-C1-0.0 **Lab Sample ID: 570-106860-29**
Date Collected: 08/16/22 10:23 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.16		0.11		0.060	mg/Kg		08/19/22 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*69*		*42 - 126*	*08/19/22 11:11*	*08/19/22 16:47*	*1*

Client Sample ID: SS-25-D1-0.0 **Lab Sample ID: 570-106860-32**
Date Collected: 08/16/22 10:45 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.11		0.10		0.055	mg/Kg		08/19/22 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*42 - 126*	*08/19/22 11:11*	*08/19/22 17:11*	*1*

Client Sample ID: SS-26-1.0 **Lab Sample ID: 570-106860-35**
Date Collected: 08/16/22 11:10 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.094		0.052	mg/Kg		08/19/22 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*42 - 126*	*08/19/22 11:14*	*08/19/22 17:59*	*1*

Client Sample ID: DUP 3 **Lab Sample ID: 570-106860-36**
Date Collected: 08/16/22 11:10 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.057	mg/Kg		08/29/22 15:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*42 - 126*	*08/19/22 11:14*	*08/29/22 15:55*	*1*

Client Sample ID: SS-26-A1-0.0 **Lab Sample ID: 570-106860-37**
Date Collected: 08/16/22 11:15 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.077	J	0.10		0.056	mg/Kg		08/19/22 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*42 - 126*	*08/19/22 11:14*	*08/19/22 18:23*	*1*

Client Sample ID: SS-26-B1-0.0 **Lab Sample ID: 570-106860-40**
Date Collected: 08/16/22 11:35 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	0.21		0.10		0.057	mg/Kg		08/19/22 18:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*42 - 126*	*08/19/22 11:14*	*08/19/22 18:47*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SS-26-B1-1.0 **Lab Sample ID: 570-106860-41**
Date Collected: 08/16/22 11:40 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.058	mg/Kg		08/29/22 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*42 - 126*	*08/19/22 11:14*	*08/29/22 13:24*	*1*

Client Sample ID: SS-26-B2-0.0 **Lab Sample ID: 570-106860-42**
Date Collected: 08/16/22 11:50 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.11**	**J**	0.12		0.064	mg/Kg		08/29/22 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*42 - 126*	*08/19/22 11:14*	*08/29/22 13:50*	*1*

Client Sample ID: SS-26-C1-0.0 **Lab Sample ID: 570-106860-43**
Date Collected: 08/16/22 11:55 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.15**		0.10		0.058	mg/Kg		08/19/22 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*42 - 126*	*08/19/22 11:14*	*08/19/22 19:11*	*1*

Client Sample ID: SS-26-D1-0.0 **Lab Sample ID: 570-106860-46**
Date Collected: 08/16/22 12:15 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.082**	**J**	0.10		0.057	mg/Kg		08/19/22 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*		*42 - 126*	*08/19/22 11:14*	*08/19/22 19:35*	*1*

Client Sample ID: SS-28-1.0 **Lab Sample ID: 570-106860-49**
Date Collected: 08/16/22 13:30 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.057	mg/Kg		08/19/22 15:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*42 - 126*	*08/19/22 11:14*	*08/19/22 15:36*	*1*

Client Sample ID: SS-28-A1-0.0 **Lab Sample ID: 570-106860-50**
Date Collected: 08/16/22 13:40 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.058	mg/Kg		08/19/22 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*60*		*42 - 126*	*08/19/22 11:14*	*08/19/22 16:05*	*1*

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SS-28-D1-0.0
Date Collected: 08/16/22 14:10
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-53
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.12		0.067	mg/Kg		08/19/22 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*66*		*42 - 126*	*08/19/22 11:14*	*08/19/22 16:34*	*1*

Client Sample ID: SS-28-C1-0.0
Date Collected: 08/16/22 13:55
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-56
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.086**	**J**	0.093		0.052	mg/Kg		08/19/22 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*70*		*42 - 126*	*08/19/22 11:14*	*08/19/22 17:04*	*1*

Client Sample ID: SS-29-1.0
Date Collected: 08/16/22 14:25
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-59
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.085**	**J**	0.11		0.063	mg/Kg		08/19/22 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*73*		*42 - 126*	*08/19/22 11:14*	*08/19/22 17:33*	*1*

Client Sample ID: SS-29-A1-0.0
Date Collected: 08/16/22 14:30
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-60
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.089		0.050	mg/Kg		08/19/22 18:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*		*42 - 126*	*08/19/22 11:14*	*08/19/22 18:32*	*1*

Client Sample ID: SS-29-B1-0.0
Date Collected: 08/16/22 15:05
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-63
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.091		0.050	mg/Kg		08/19/22 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*64*		*42 - 126*	*08/19/22 11:14*	*08/19/22 19:01*	*1*

Client Sample ID: DUP 4
Date Collected: 08/16/22 15:05
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-64
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.091		0.051	mg/Kg		08/19/22 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*56*		*42 - 126*	*08/19/22 11:14*	*08/19/22 19:31*	*1*

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method: 8015B - Gasoline Range Organics - (GC)

Client Sample ID: SS-29-C1-0.0
Lab Sample ID: 570-106860-67
Date Collected: 08/16/22 15:30
Matrix: Solid
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.090		0.050	mg/Kg		08/19/22 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*		*42 - 126*	*08/19/22 11:14*	*08/19/22 20:00*	*1*

Client Sample ID: SS-29-D1-0.0
Lab Sample ID: 570-106860-70
Date Collected: 08/16/22 15:50
Matrix: Solid
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	**0.055**	**J**	0.093		0.052	mg/Kg		08/19/22 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*54*		*42 - 126*	*08/19/22 11:16*	*08/19/22 20:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SS-10-1.0
Date Collected: 08/16/22 16:10
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-1
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	16		5.0		3.8	mg/Kg		08/19/22 21:58	1
TPH as Motor Oil (C17-C44)	18	J	25		11	mg/Kg		08/19/22 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*08/19/22 08:55*	*08/19/22 21:58*	*1*

Client Sample ID: DUP 1
Date Collected: 08/16/22 16:10
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-2
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	6.3		5.0		3.8	mg/Kg		08/19/22 22:19	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/19/22 22:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*60 - 138*	*08/19/22 08:55*	*08/19/22 22:19*	*1*

Client Sample ID: SS-10-A1-0.0
Date Collected: 08/16/22 16:15
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-3
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	19		4.9		3.8	mg/Kg		08/19/22 22:39	1
TPH as Motor Oil (C17-C44)	29		25		11	mg/Kg		08/19/22 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*60 - 138*	*08/19/22 08:55*	*08/19/22 22:39*	*1*

Client Sample ID: SS-10-B1-0.0
Date Collected: 08/16/22 16:40
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-6
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	20		4.8		3.7	mg/Kg		08/19/22 23:42	1
TPH as Motor Oil (C17-C44)	29		24		11	mg/Kg		08/19/22 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*84*		*60 - 138*	*08/19/22 08:55*	*08/19/22 23:42*	*1*

Client Sample ID: SS-10-C1-0.0
Date Collected: 08/16/22 17:00
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-9
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	17		4.9		3.8	mg/Kg		08/20/22 00:45	1
TPH as Motor Oil (C17-C44)	23	J	25		11	mg/Kg		08/20/22 00:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*85*		*60 - 138*	*08/19/22 08:55*	*08/20/22 00:45*	*1*

Client Sample ID: SS-10-D1-0.0
Date Collected: 08/16/22 17:15
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-12
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	19		5.0		3.8	mg/Kg		08/20/22 02:29	1
TPH as Motor Oil (C17-C44)	24	J	25		11	mg/Kg		08/20/22 02:29	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	80		60 - 138	08/19/22 08:55	08/20/22 02:29	1

Client Sample ID: SS-24-B1-0.0
Date Collected: 08/16/22 08:40
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-15
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	28		4.9		3.7	mg/Kg		08/20/22 03:32	1
TPH as Motor Oil (C17-C44)	44		24		11	mg/Kg		08/20/22 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	71		60 - 138	08/19/22 08:57	08/20/22 03:32	1

Client Sample ID: DUP 2
Date Collected: 08/16/22 08:40
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-16
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	24		4.9		3.8	mg/Kg		08/30/22 20:50	1
TPH as Motor Oil (C17-C44)	87		24		11	mg/Kg		08/30/22 20:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	94		60 - 138	08/30/22 10:10	08/30/22 20:50	1

Client Sample ID: SS-24-C1-0.0
Date Collected: 08/16/22 09:00
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-19
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	33		4.9		3.8	mg/Kg		08/20/22 04:56	1
TPH as Motor Oil (C17-C44)	74		25		11	mg/Kg		08/20/22 04:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	76		60 - 138	08/19/22 08:57	08/20/22 04:56	1

Client Sample ID: SS-25-1.0
Date Collected: 08/16/22 09:28
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-22
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	32		4.9		3.8	mg/Kg		08/25/22 00:50	1
TPH as Motor Oil (C17-C44)	60		25		11	mg/Kg		08/25/22 00:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	86		60 - 138	08/19/22 09:03	08/25/22 00:50	1

Client Sample ID: SS-25-A1-0.0
Date Collected: 08/16/22 09:34
Date Received: 08/18/22 09:45
Lab Sample ID: 570-106860-23
Matrix: Solid

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	34		5.0		3.8	mg/Kg		08/25/22 01:11	1
TPH as Motor Oil (C17-C44)	64		25		11	mg/Kg		08/25/22 01:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	88		60 - 138	08/19/22 09:03	08/25/22 01:11	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SS-25-B1-0.0 **Lab Sample ID: 570-106860-26**
Date Collected: 08/16/22 10:03 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	36		5.0		3.8	mg/Kg		08/25/22 01:32	1
TPH as Motor Oil (C17-C44)	80		25		11	mg/Kg		08/25/22 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*60 - 138*	*08/19/22 09:03*	*08/25/22 01:32*	*1*

Client Sample ID: SS-25-C1-0.0 **Lab Sample ID: 570-106860-29**
Date Collected: 08/16/22 10:23 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	33		4.8		3.7	mg/Kg		08/25/22 01:53	1
TPH as Motor Oil (C17-C44)	80		24		11	mg/Kg		08/25/22 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*60 - 138*	*08/19/22 09:03*	*08/25/22 01:53*	*1*

Client Sample ID: SS-25-D1-0.0 **Lab Sample ID: 570-106860-32**
Date Collected: 08/16/22 10:45 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	22		4.9		3.7	mg/Kg		08/25/22 02:14	1
TPH as Motor Oil (C17-C44)	47		24		11	mg/Kg		08/25/22 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*60 - 138*	*08/19/22 09:03*	*08/25/22 02:14*	*1*

Client Sample ID: SS-26-1.0 **Lab Sample ID: 570-106860-35**
Date Collected: 08/16/22 11:10 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	13		5.0		3.8	mg/Kg		08/25/22 02:35	1
TPH as Motor Oil (C17-C44)	19	J	25		11	mg/Kg		08/25/22 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*129*		*60 - 138*	*08/19/22 09:03*	*08/25/22 02:35*	*1*

Client Sample ID: DUP 3 **Lab Sample ID: 570-106860-36**
Date Collected: 08/16/22 11:10 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	4.2	J	4.9		3.8	mg/Kg		08/29/22 23:16	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/29/22 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*60 - 138*	*08/28/22 10:21*	*08/29/22 23:16*	*1*

Client Sample ID: SS-26-A1-0.0 **Lab Sample ID: 570-106860-37**
Date Collected: 08/16/22 11:15 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	27		5.0		3.8	mg/Kg		08/25/22 02:56	1
TPH as Motor Oil (C17-C44)	38		25		11	mg/Kg		08/25/22 02:56	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	87		60 - 138	08/19/22 09:03	08/25/22 02:56	1

Client Sample ID: SS-26-B1-0.0 **Lab Sample ID: 570-106860-40**
Date Collected: 08/16/22 11:35 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	380		4.9		3.8	mg/Kg		08/25/22 03:17	1
TPH as Motor Oil (C17-C44)	400		25		11	mg/Kg		08/25/22 03:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	108		60 - 138	08/19/22 09:03	08/25/22 03:17	1

Client Sample ID: SS-26-B1-1.0 **Lab Sample ID: 570-106860-41**
Date Collected: 08/16/22 11:40 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	5.4		5.0		3.8	mg/Kg		08/29/22 23:37	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/29/22 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	96		60 - 138	08/28/22 10:21	08/29/22 23:37	1

Client Sample ID: SS-26-B2-0.0 **Lab Sample ID: 570-106860-42**
Date Collected: 08/16/22 11:50 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	81		4.9		3.8	mg/Kg		08/29/22 23:58	1
TPH as Motor Oil (C17-C44)	190		25		11	mg/Kg		08/29/22 23:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	94		60 - 138	08/28/22 10:21	08/29/22 23:58	1

Client Sample ID: SS-26-C1-0.0 **Lab Sample ID: 570-106860-43**
Date Collected: 08/16/22 11:55 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	200		4.9		3.7	mg/Kg		08/25/22 00:11	1
TPH as Motor Oil (C17-C44)	190	F1	24		11	mg/Kg		08/25/22 00:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	105		60 - 138	08/19/22 09:09	08/25/22 00:11	1

Client Sample ID: SS-26-D1-0.0 **Lab Sample ID: 570-106860-46**
Date Collected: 08/16/22 12:15 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	71		5.0		3.8	mg/Kg		08/25/22 00:31	1
TPH as Motor Oil (C17-C44)	88		25		11	mg/Kg		08/25/22 00:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	101		60 - 138	08/19/22 09:09	08/25/22 00:31	1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SS-28-1.0 **Lab Sample ID: 570-106860-49**
Date Collected: 08/16/22 13:30 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	5.7		4.8		3.7	mg/Kg		08/25/22 00:52	1
TPH as Motor Oil (C17-C44)	ND		24		11	mg/Kg		08/25/22 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*108*		*60 - 138*	*08/19/22 09:09*	*08/25/22 00:52*	*1*

Client Sample ID: SS-28-A1-0.0 **Lab Sample ID: 570-106860-50**
Date Collected: 08/16/22 13:40 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	12		5.0		3.8	mg/Kg		08/25/22 01:13	1
TPH as Motor Oil (C17-C44)	15	J	25		11	mg/Kg		08/25/22 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*104*		*60 - 138*	*08/19/22 09:09*	*08/25/22 01:13*	*1*

Client Sample ID: SS-28-C1-0.0 **Lab Sample ID: 570-106860-56**
Date Collected: 08/16/22 13:55 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	21		4.9		3.8	mg/Kg		08/25/22 01:55	1
TPH as Motor Oil (C17-C44)	29		25		11	mg/Kg		08/25/22 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*63*		*60 - 138*	*08/19/22 09:09*	*08/25/22 01:55*	*1*

Client Sample ID: SS-29-1.0 **Lab Sample ID: 570-106860-59**
Date Collected: 08/16/22 14:25 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	10		4.9		3.8	mg/Kg		08/25/22 02:15	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/25/22 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*82*		*60 - 138*	*08/19/22 09:09*	*08/25/22 02:15*	*1*

Client Sample ID: SS-29-B1-0.0 **Lab Sample ID: 570-106860-63**
Date Collected: 08/16/22 15:05 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	13		5.0		3.8	mg/Kg		08/23/22 02:20	1
TPH as Motor Oil (C17-C44)	18	J	25		11	mg/Kg		08/23/22 02:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*73*		*60 - 138*	*08/19/22 10:07*	*08/23/22 02:20*	*1*

Client Sample ID: DUP 4 **Lab Sample ID: 570-106860-64**
Date Collected: 08/16/22 15:05 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	12		4.8		3.7	mg/Kg		08/23/22 02:41	1
TPH as Motor Oil (C17-C44)	15	J	24		11	mg/Kg		08/23/22 02:41	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*61*		*60 - 138*	*08/19/22 10:07*	*08/23/22 02:41*	*1*

Client Sample ID: SS-29-C1-0.0 **Lab Sample ID: 570-106860-67**
Date Collected: 08/16/22 15:30 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	11		4.9		3.7	mg/Kg		08/23/22 06:58	1
TPH as Motor Oil (C17-C44)	14	J	24		11	mg/Kg		08/23/22 06:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*75*		*60 - 138*	*08/19/22 10:07*	*08/23/22 06:58*	*1*

Client Sample ID: SS-29-D1-0.0 **Lab Sample ID: 570-106860-70**
Date Collected: 08/16/22 15:50 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	15		4.9		3.8	mg/Kg		08/23/22 08:02	1
TPH as Motor Oil (C17-C44)	23	J	25		11	mg/Kg		08/23/22 08:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	*72*		*60 - 138*	*08/19/22 10:07*	*08/23/22 08:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - RA

Client Sample ID: SS-28-D1-0.0 **Lab Sample ID: 570-106860-53**
Date Collected: 08/16/22 14:10 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	30		4.9		3.8	mg/Kg		08/25/22 10:09	1
TPH as Motor Oil (C17-C44)	42		24		11	mg/Kg		08/25/22 10:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*107*		*60 - 138*	*08/19/22 09:09*	*08/25/22 10:09*	*1*

Client Sample ID: SS-29-A1-0.0 **Lab Sample ID: 570-106860-60**
Date Collected: 08/16/22 14:30 **Matrix: Solid**
Date Received: 08/18/22 09:45

Analyte	Result	Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	26		5.0		3.8	mg/Kg		08/25/22 10:30	1
TPH as Motor Oil (C17-C44)	32		25		11	mg/Kg		08/25/22 10:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*102*		*60 - 138*	*08/19/22 09:09*	*08/25/22 10:30*	*1*

Surrogate Summary

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method: 8015B - Gasoline Range Organics - (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	BFB1 (42-126)
570-106860-1	SS-10-1.0	81
570-106860-2	DUP 1	80
570-106860-3	SS-10-A1-0.0	80
570-106860-6	SS-10-B1-0.0	85
570-106860-9	SS-10-C1-0.0	83
570-106860-12	SS-10-D1-0.0	51
570-106860-15	SS-24-B1-0.0	81
570-106860-16	DUP 2	72
570-106860-19	SS-24-C1-0.0	83
570-106860-22	SS-25-1.0	90
570-106860-23	SS-25-A1-0.0	92
570-106860-26	SS-25-B1-0.0	80
570-106860-29	SS-25-C1-0.0	69
570-106860-32	SS-25-D1-0.0	80
570-106860-35	SS-26-1.0	87
570-106860-36	DUP 3	99
570-106860-37	SS-26-A1-0.0	86
570-106860-40	SS-26-B1-0.0	99
570-106860-41	SS-26-B1-1.0	100
570-106860-42	SS-26-B2-0.0	88
570-106860-43	SS-26-C1-0.0	66
570-106860-46	SS-26-D1-0.0	64
570-106860-49	SS-28-1.0	78
570-106860-50	SS-28-A1-0.0	60
570-106860-53	SS-28-D1-0.0	66
570-106860-56	SS-28-C1-0.0	70
570-106860-59	SS-29-1.0	73
570-106860-60	SS-29-A1-0.0	68
570-106860-63	SS-29-B1-0.0	64
570-106860-64	DUP 4	56
570-106860-67	SS-29-C1-0.0	65
570-106860-70	SS-29-D1-0.0	54
LCS 570-258048/3	Lab Control Sample	84
LCS 570-258052/3	Lab Control Sample	96
LCS 570-258056/3	Lab Control Sample	96
LCS 570-260059/3	Lab Control Sample	93
LCSD 570-258048/4	Lab Control Sample Dup	101
LCSD 570-258052/4	Lab Control Sample Dup	97
LCSD 570-258056/4	Lab Control Sample Dup	95
LCSD 570-260059/4	Lab Control Sample Dup	112
MB 570-258048/5	Method Blank	79
MB 570-258052/5	Method Blank	53
MB 570-258056/5	Method Blank	82
MB 570-260059/5	Method Blank	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

Surrogate Summary

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)						
570-106860-1	SS-10-1.0	90						
570-106860-1 MS	SS-10-1.0	91						
570-106860-1 MS	SS-10-1.0	90						
570-106860-1 MSD	SS-10-1.0	92						
570-106860-1 MSD	SS-10-1.0	92						
570-106860-2	DUP 1	91						
570-106860-3	SS-10-A1-0.0	89						
570-106860-6	SS-10-B1-0.0	84						
570-106860-9	SS-10-C1-0.0	85						
570-106860-12	SS-10-D1-0.0	80						
570-106860-15	SS-24-B1-0.0	71						
570-106860-16	DUP 2	94						
570-106860-16 MS	DUP 2	89						
570-106860-16 MS	DUP 2	92						
570-106860-16 MSD	DUP 2	88						
570-106860-16 MSD	DUP 2	97						
570-106860-19	SS-24-C1-0.0	76						
570-106860-22	SS-25-1.0	86						
570-106860-22 MS	SS-25-1.0	79						
570-106860-22 MS	SS-25-1.0	80						
570-106860-22 MSD	SS-25-1.0	78						
570-106860-22 MSD	SS-25-1.0	69						
570-106860-23	SS-25-A1-0.0	88						
570-106860-26	SS-25-B1-0.0	89						
570-106860-29	SS-25-C1-0.0	90						
570-106860-32	SS-25-D1-0.0	91						
570-106860-35	SS-26-1.0	129						
570-106860-36	DUP 3	97						
570-106860-37	SS-26-A1-0.0	87						
570-106860-40	SS-26-B1-0.0	108						
570-106860-41	SS-26-B1-1.0	96						
570-106860-42	SS-26-B2-0.0	94						
570-106860-43	SS-26-C1-0.0	105						
570-106860-43 MS	SS-26-C1-0.0	104						
570-106860-43 MS	SS-26-C1-0.0	91						
570-106860-43 MSD	SS-26-C1-0.0	93						
570-106860-43 MSD	SS-26-C1-0.0	91						
570-106860-46	SS-26-D1-0.0	101						
570-106860-49	SS-28-1.0	108						
570-106860-50	SS-28-A1-0.0	104						
570-106860-53 - RA	SS-28-D1-0.0	107						
570-106860-56	SS-28-C1-0.0	63						
570-106860-59	SS-29-1.0	82						
570-106860-60 - RA	SS-29-A1-0.0	102						
570-106860-63	SS-29-B1-0.0	73						
570-106860-63 MS	SS-29-B1-0.0	84						
570-106860-63 MS	SS-29-B1-0.0	77						
570-106860-63 MSD	SS-29-B1-0.0	76						
570-106860-63 MSD	SS-29-B1-0.0	79						
570-106860-64	DUP 4	61						

Surrogate Summary

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTCSN1 (60-138)						
570-106860-67	SS-29-C1-0.0	75						
570-106860-70	SS-29-D1-0.0	72						
LCS 570-258032/2-A	Lab Control Sample	91						
LCS 570-258032/6-A	Lab Control Sample	87						
LCS 570-258043/2-A	Lab Control Sample	78						
LCS 570-258043/6-A	Lab Control Sample	76						
LCS 570-258046/2-A	Lab Control Sample	111						
LCS 570-258046/6-A	Lab Control Sample	109						
LCS 570-258065/2-A	Lab Control Sample	95						
LCS 570-258065/6-A	Lab Control Sample	93						
LCS 570-259887/2-A	Lab Control Sample	90						
LCS 570-259887/6-A	Lab Control Sample	96						
LCS 570-260430/2-A	Lab Control Sample	95						
LCS 570-260430/6-A	Lab Control Sample	98						
LCSD 570-258032/3-A	Lab Control Sample Dup	90						
LCSD 570-258032/7-A	Lab Control Sample Dup	88						
LCSD 570-258043/3-A	Lab Control Sample Dup	71						
LCSD 570-258043/7-A	Lab Control Sample Dup	72						
LCSD 570-258046/3-A	Lab Control Sample Dup	115						
LCSD 570-258046/7-A	Lab Control Sample Dup	110						
LCSD 570-258065/3-A	Lab Control Sample Dup	94						
LCSD 570-258065/7-A	Lab Control Sample Dup	94						
LCSD 570-259887/3-A	Lab Control Sample Dup	90						
LCSD 570-259887/7-A	Lab Control Sample Dup	93						
LCSD 570-260430/3-A	Lab Control Sample Dup	93						
LCSD 570-260430/7-A	Lab Control Sample Dup	97						
MB 570-258032/1-A	Method Blank	87						
MB 570-258043/1-A	Method Blank	73						
MB 570-258046/1-A	Method Blank	149 S1+						
MB 570-258065/1-A	Method Blank	91						
MB 570-259887/1-A	Method Blank	88						
MB 570-260430/1-A	Method Blank	97						

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8015B - Gasoline Range Organics - (GC)

Lab Sample ID: MB 570-258048/5
Matrix: Solid
Analysis Batch: 258048

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.056	mg/Kg		08/19/22 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*42 - 126*		*08/19/22 12:12*	*1*

Lab Sample ID: LCS 570-258048/3
Matrix: Solid
Analysis Batch: 258048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	1.99	1.888		mg/Kg		95	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*42 - 126*

Lab Sample ID: LCSD 570-258048/4
Matrix: Solid
Analysis Batch: 258048

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)	1.99	1.852		mg/Kg		93	70 - 124	2	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*42 - 126*

Lab Sample ID: MB 570-258052/5
Matrix: Solid
Analysis Batch: 258052

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.056	mg/Kg		08/19/22 12:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*53*		*42 - 126*		*08/19/22 12:34*	*1*

Lab Sample ID: LCS 570-258052/3
Matrix: Solid
Analysis Batch: 258052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (C4-C13)	1.99	1.715		mg/Kg		86	70 - 124

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*42 - 126*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCSD 570-258052/4
Matrix: Solid
Analysis Batch: 258052

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.99	1.799		mg/Kg		91	70 - 124	5	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*42 - 126*

Lab Sample ID: MB 570-258056/5
Matrix: Solid
Analysis Batch: 258056

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.056	mg/Kg		08/19/22 12:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*42 - 126*		*08/19/22 12:42*	*1*

Lab Sample ID: LCS 570-258056/3
Matrix: Solid
Analysis Batch: 258056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.99	1.930		mg/Kg		97	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*42 - 126*

Lab Sample ID: LCSD 570-258056/4
Matrix: Solid
Analysis Batch: 258056

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.99	1.863		mg/Kg		94	70 - 124	4	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*42 - 126*

Lab Sample ID: MB 570-260059/5
Matrix: Solid
Analysis Batch: 260059

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Gasoline Range Organics (C4-C12)	ND		0.10		0.055	mg/Kg		08/29/22 12:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*		*08/29/22 12:03*	*1*

Method: 8015B - Gasoline Range Organics - (GC) (Continued)

Lab Sample ID: LCS 570-260059/3
Matrix: Solid
Analysis Batch: 260059

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (C4-C13)			1.98	2.074		mg/Kg		105	70 - 124		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*42 - 126*

Lab Sample ID: LCSD 570-260059/4
Matrix: Solid
Analysis Batch: 260059

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (C4-C13)			1.98	2.071		mg/Kg		105	70 - 124	0	18

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*42 - 126*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-258032/1-A
Matrix: Solid
Analysis Batch: 258171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258032

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		5.0		3.8	mg/Kg		08/19/22 18:50	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/19/22 18:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*60 - 138*	*08/19/22 08:55*	*08/19/22 18:50*	*1*

Lab Sample ID: LCS 570-258032/2-A
Matrix: Solid
Analysis Batch: 258171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258032

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	474.9		mg/Kg		119	80 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*60 - 138*

Lab Sample ID: LCS 570-258032/6-A
Matrix: Solid
Analysis Batch: 258171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258032

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Motor Oil (C17-C44)			391	401.8		mg/Kg		103	77 - 125		

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-258032/6-A
Matrix: Solid
Analysis Batch: 258171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258032

Surrogate	LCS %Recovery	LCS Qualifier	Limits
n-Octacosane (Surr)	87		60 - 138

Lab Sample ID: LCSD 570-258032/3-A
Matrix: Solid
Analysis Batch: 258171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258032

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	480.3		mg/Kg		120	80 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	90		60 - 138

Lab Sample ID: LCSD 570-258032/7-A
Matrix: Solid
Analysis Batch: 258171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258032

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)			397	415.2		mg/Kg		105	77 - 125	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
n-Octacosane (Surr)	88		60 - 138

Lab Sample ID: 570-106860-1 MS
Matrix: Solid
Analysis Batch: 258171

Client Sample ID: SS-10-1.0
Prep Type: Total/NA
Prep Batch: 258032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	16		388	489.5		mg/Kg		122	43 - 165

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	91		60 - 138

Lab Sample ID: 570-106860-1 MS
Matrix: Solid
Analysis Batch: 258171

Client Sample ID: SS-10-1.0
Prep Type: Total/NA
Prep Batch: 258032

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
TPH as Motor Oil (C17-C44)	18	J	399	444.3		mg/Kg		107	44 - 161

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	90		60 - 138

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-106860-1 MSD
Matrix: Solid
Analysis Batch: 258171

Client Sample ID: SS-10-1.0
Prep Type: Total/NA
Prep Batch: 258032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	16		389	494.0		mg/Kg		123	43 - 165	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*60 - 138*

Lab Sample ID: 570-106860-1 MSD
Matrix: Solid
Analysis Batch: 258171

Client Sample ID: SS-10-1.0
Prep Type: Total/NA
Prep Batch: 258032

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)	18	J	386	414.1		mg/Kg		103	44 - 161	7	37

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*60 - 138*

Lab Sample ID: MB 570-258043/1-A
Matrix: Solid
Analysis Batch: 258827

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258043

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		5.0		3.8	mg/Kg		08/23/22 23:03	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/23/22 23:03	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*73*		*60 - 138*	*08/19/22 09:03*	*08/23/22 23:03*	*1*

Lab Sample ID: LCS 570-258043/2-A
Matrix: Solid
Analysis Batch: 258827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	400	419.1		mg/Kg		105	80 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*78*		*60 - 138*

Lab Sample ID: LCS 570-258043/6-A
Matrix: Solid
Analysis Batch: 258827

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258043

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
TPH as Motor Oil (C17-C44)	400	363.0		mg/Kg		91	77 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*76*		*60 - 138*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-258043/3-A
Matrix: Solid
Analysis Batch: 258827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258043

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	400.5		mg/Kg		100	80 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*71*		*60 - 138*

Lab Sample ID: LCSD 570-258043/7-A
Matrix: Solid
Analysis Batch: 258827

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258043

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)			400	314.3		mg/Kg		79	77 - 125	14	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*72*		*60 - 138*

Lab Sample ID: 570-106860-22 MS
Matrix: Solid
Analysis Batch: 258827

Client Sample ID: SS-25-1.0
Prep Type: Total/NA
Prep Batch: 258043

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	32		390	370.7		mg/Kg		87	43 - 165		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*79*		*60 - 138*

Lab Sample ID: 570-106860-22 MS
Matrix: Solid
Analysis Batch: 258827

Client Sample ID: SS-25-1.0
Prep Type: Total/NA
Prep Batch: 258043

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Motor Oil (C17-C44)	60		389	477.3		mg/Kg		107	44 - 161		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*80*		*60 - 138*

Lab Sample ID: 570-106860-22 MSD
Matrix: Solid
Analysis Batch: 258827

Client Sample ID: SS-25-1.0
Prep Type: Total/NA
Prep Batch: 258043

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	32		400	524.5		mg/Kg		123	43 - 165	34	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*78*		*60 - 138*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-106860-22 MSD
Matrix: Solid
Analysis Batch: 258827

Client Sample ID: SS-25-1.0
Prep Type: Total/NA
Prep Batch: 258043

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)	60		391	385.4		mg/Kg		83	44 - 161	21	37

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*69*		*60 - 138*

Lab Sample ID: MB 570-258046/1-A
Matrix: Solid
Analysis Batch: 258980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258046

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		5.0		3.8	mg/Kg		08/24/22 20:44	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/24/22 20:44	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*149*	*S1+*	*60 - 138*	*08/19/22 09:09*	*08/24/22 20:44*	*1*

Lab Sample ID: LCS 570-258046/2-A
Matrix: Solid
Analysis Batch: 258980

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258046

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	400	440.5		mg/Kg		110	80 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*111*		*60 - 138*

Lab Sample ID: LCS 570-258046/6-A
Matrix: Solid
Analysis Batch: 258980

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258046

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
TPH as Motor Oil (C17-C44)	400	389.7		mg/Kg		97	77 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*109*		*60 - 138*

Lab Sample ID: LCSD 570-258046/3-A
Matrix: Solid
Analysis Batch: 258980

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258046

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	400	442.6		mg/Kg		111	80 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*115*		*60 - 138*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 570-258046/7-A
Client Sample ID: Lab Control Sample Dup
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 258980
Prep Batch: 258046

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)			400	411.4		mg/Kg		103	77 - 125	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*110*		*60 - 138*

Lab Sample ID: 570-106860-43 MS
Client Sample ID: SS-26-C1-0.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 258980
Prep Batch: 258046

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	200		400	547.9		mg/Kg		88	43 - 165

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*104*		*60 - 138*

Lab Sample ID: 570-106860-43 MS
Client Sample ID: SS-26-C1-0.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 258980
Prep Batch: 258046

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
TPH as Motor Oil (C17-C44)	190	F1	390	324.8	F1	mg/Kg		33	44 - 161

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*60 - 138*

Lab Sample ID: 570-106860-43 MSD
Client Sample ID: SS-26-C1-0.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 258980
Prep Batch: 258046

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	200		394	552.0		mg/Kg		91	43 - 165	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*60 - 138*

Lab Sample ID: 570-106860-43 MSD
Client Sample ID: SS-26-C1-0.0
Matrix: Solid
Prep Type: Total/NA
Analysis Batch: 258980
Prep Batch: 258046

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)	190	F1	393	426.4		mg/Kg		59	44 - 161	27	37

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*60 - 138*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-258065/1-A
Matrix: Solid
Analysis Batch: 258346

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 258065

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		5.0		3.8	mg/Kg		08/22/22 21:43	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/22/22 21:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*60 - 138*	*08/19/22 10:05*	*08/22/22 21:43*	*1*

Lab Sample ID: LCS 570-258065/2-A
Matrix: Solid
Analysis Batch: 258346

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258065

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	400	385.0		mg/Kg		96	80 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*60 - 138*

Lab Sample ID: LCS 570-258065/6-A
Matrix: Solid
Analysis Batch: 258346

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 258065

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
TPH as Motor Oil (C17-C44)	400	363.4		mg/Kg		91	77 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*60 - 138*

Lab Sample ID: LCSD 570-258065/3-A
Matrix: Solid
Analysis Batch: 258346

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258065

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	400	389.4		mg/Kg		97	80 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*94*		*60 - 138*

Lab Sample ID: LCSD 570-258065/7-A
Matrix: Solid
Analysis Batch: 258346

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 258065

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)	400	362.5		mg/Kg		91	77 - 125	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*94*		*60 - 138*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-106860-63 MS
Matrix: Solid
Analysis Batch: 258346

Client Sample ID: SS-29-B1-0.0
Prep Type: Total/NA
Prep Batch: 258065

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics [C10-C28]	13		389	337.7		mg/Kg		84	43 - 165

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*84*		*60 - 138*

Lab Sample ID: 570-106860-63 MS
Matrix: Solid
Analysis Batch: 258346

Client Sample ID: SS-29-B1-0.0
Prep Type: Total/NA
Prep Batch: 258065

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
TPH as Motor Oil (C17-C44)	18	J	386	278.7		mg/Kg		67	44 - 161

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*77*		*60 - 138*

Lab Sample ID: 570-106860-63 MSD
Matrix: Solid
Analysis Batch: 258346

Client Sample ID: SS-29-B1-0.0
Prep Type: Total/NA
Prep Batch: 258065

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	13		400	282.3		mg/Kg		67	43 - 165	18	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*76*		*60 - 138*

Lab Sample ID: 570-106860-63 MSD
Matrix: Solid
Analysis Batch: 258346

Client Sample ID: SS-29-B1-0.0
Prep Type: Total/NA
Prep Batch: 258065

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)	18	J	395	257.7		mg/Kg		61	44 - 161	8	37

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*79*		*60 - 138*

Lab Sample ID: MB 570-259887/1-A
Matrix: Solid
Analysis Batch: 260105

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 259887

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		5.0		3.8	mg/Kg		08/29/22 14:33	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/29/22 14:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*60 - 138*	*08/28/22 10:21*	*08/29/22 14:33*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-259887/2-A
Matrix: Solid
Analysis Batch: 260105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259887

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	386.0		mg/Kg		97	80 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*90*		*60 - 138*

Lab Sample ID: LCS 570-259887/6-A
Matrix: Solid
Analysis Batch: 260105

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 259887

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Motor Oil (C17-C44)			400	444.4		mg/Kg		111	77 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*96*		*60 - 138*

Lab Sample ID: LCSD 570-259887/3-A
Matrix: Solid
Analysis Batch: 260105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259887

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	372.3		mg/Kg		93	80 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*90*		*60 - 138*

Lab Sample ID: LCSD 570-259887/7-A
Matrix: Solid
Analysis Batch: 260105

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 259887

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)			400	424.8		mg/Kg		106	77 - 125	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*60 - 138*

Lab Sample ID: MB 570-260430/1-A
Matrix: Solid
Analysis Batch: 260522

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 260430

Analyte	MB Result	MB Qualifier	LOQ	LOD	DL	Unit	D	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		5.0		3.8	mg/Kg		08/30/22 17:42	1
TPH as Motor Oil (C17-C44)	ND		25		11	mg/Kg		08/30/22 17:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*60 - 138*	*08/30/22 10:10*	*08/30/22 17:42*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-260430/2-A
Matrix: Solid
Analysis Batch: 260522

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 260430

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]			400	376.7		mg/Kg		94	80 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*60 - 138*

Lab Sample ID: LCS 570-260430/6-A
Matrix: Solid
Analysis Batch: 260522

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 260430

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Motor Oil (C17-C44)			400	441.7		mg/Kg		110	77 - 125		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*98*		*60 - 138*

Lab Sample ID: LCSD 570-260430/3-A
Matrix: Solid
Analysis Batch: 260522

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 260430

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	404.2		mg/Kg		101	80 - 130	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*60 - 138*

Lab Sample ID: LCSD 570-260430/7-A
Matrix: Solid
Analysis Batch: 260522

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 260430

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)			400	421.6		mg/Kg		105	77 - 125	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*97*		*60 - 138*

Lab Sample ID: 570-106860-16 MS
Matrix: Solid
Analysis Batch: 260522

Client Sample ID: DUP 2
Prep Type: Total/NA
Prep Batch: 260430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Diesel Range Organics [C10-C28]	24		392	412.5		mg/Kg		99	43 - 165		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*89*		*60 - 138*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-106860-16 MS
Matrix: Solid
Analysis Batch: 260522

Client Sample ID: DUP 2
Prep Type: Total/NA
Prep Batch: 260430

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
TPH as Motor Oil (C17-C44)	87		390	426.9		mg/Kg		87	44 - 161		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*60 - 138*

Lab Sample ID: 570-106860-16 MSD
Matrix: Solid
Analysis Batch: 260522

Client Sample ID: DUP 2
Prep Type: Total/NA
Prep Batch: 260430

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	24		391	362.6		mg/Kg		87	43 - 165	13	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*88*		*60 - 138*

Lab Sample ID: 570-106860-16 MSD
Matrix: Solid
Analysis Batch: 260522

Client Sample ID: DUP 2
Prep Type: Total/NA
Prep Batch: 260430

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
TPH as Motor Oil (C17-C44)	87		391	527.4		mg/Kg		113	44 - 161	21	37

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*97*		*60 - 138*

GC VOA

Analysis Batch: 258048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-22	SS-25-1.0	Total/NA	Solid	8015B	258082
570-106860-23	SS-25-A1-0.0	Total/NA	Solid	8015B	258082
570-106860-26	SS-25-B1-0.0	Total/NA	Solid	8015B	258082
570-106860-29	SS-25-C1-0.0	Total/NA	Solid	8015B	258082
570-106860-32	SS-25-D1-0.0	Total/NA	Solid	8015B	258082
570-106860-35	SS-26-1.0	Total/NA	Solid	8015B	258082
570-106860-37	SS-26-A1-0.0	Total/NA	Solid	8015B	258082
570-106860-40	SS-26-B1-0.0	Total/NA	Solid	8015B	258082
570-106860-43	SS-26-C1-0.0	Total/NA	Solid	8015B	258082
570-106860-46	SS-26-D1-0.0	Total/NA	Solid	8015B	258082
MB 570-258048/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-258048/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-258048/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 258052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-49	SS-28-1.0	Total/NA	Solid	8015B	258082
570-106860-50	SS-28-A1-0.0	Total/NA	Solid	8015B	258082
570-106860-53	SS-28-D1-0.0	Total/NA	Solid	8015B	258082
570-106860-56	SS-28-C1-0.0	Total/NA	Solid	8015B	258082
570-106860-59	SS-29-1.0	Total/NA	Solid	8015B	258082
570-106860-60	SS-29-A1-0.0	Total/NA	Solid	8015B	258082
570-106860-63	SS-29-B1-0.0	Total/NA	Solid	8015B	258082
570-106860-64	DUP 4	Total/NA	Solid	8015B	258082
570-106860-67	SS-29-C1-0.0	Total/NA	Solid	8015B	258082
570-106860-70	SS-29-D1-0.0	Total/NA	Solid	8015B	258082
MB 570-258052/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-258052/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-258052/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Analysis Batch: 258056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-1	SS-10-1.0	Total/NA	Solid	8015B	258082
570-106860-2	DUP 1	Total/NA	Solid	8015B	258082
570-106860-3	SS-10-A1-0.0	Total/NA	Solid	8015B	258082
570-106860-6	SS-10-B1-0.0	Total/NA	Solid	8015B	258082
570-106860-9	SS-10-C1-0.0	Total/NA	Solid	8015B	258082
570-106860-12	SS-10-D1-0.0	Total/NA	Solid	8015B	258082
570-106860-15	SS-24-B1-0.0	Total/NA	Solid	8015B	258082
570-106860-19	SS-24-C1-0.0	Total/NA	Solid	8015B	258082
MB 570-258056/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-258056/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-258056/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

Prep Batch: 258082

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-1	SS-10-1.0	Total/NA	Solid	5035	
570-106860-2	DUP 1	Total/NA	Solid	5035	
570-106860-3	SS-10-A1-0.0	Total/NA	Solid	5035	
570-106860-6	SS-10-B1-0.0	Total/NA	Solid	5035	
570-106860-9	SS-10-C1-0.0	Total/NA	Solid	5035	

GC VOA (Continued)

Prep Batch: 258082 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-12	SS-10-D1-0.0	Total/NA	Solid	5035	
570-106860-15	SS-24-B1-0.0	Total/NA	Solid	5035	
570-106860-16	DUP 2	Total/NA	Solid	5035	
570-106860-19	SS-24-C1-0.0	Total/NA	Solid	5035	
570-106860-22	SS-25-1.0	Total/NA	Solid	5035	
570-106860-23	SS-25-A1-0.0	Total/NA	Solid	5035	
570-106860-26	SS-25-B1-0.0	Total/NA	Solid	5035	
570-106860-29	SS-25-C1-0.0	Total/NA	Solid	5035	
570-106860-32	SS-25-D1-0.0	Total/NA	Solid	5035	
570-106860-35	SS-26-1.0	Total/NA	Solid	5035	
570-106860-36	DUP 3	Total/NA	Solid	5035	
570-106860-37	SS-26-A1-0.0	Total/NA	Solid	5035	
570-106860-40	SS-26-B1-0.0	Total/NA	Solid	5035	
570-106860-41	SS-26-B1-1.0	Total/NA	Solid	5035	
570-106860-42	SS-26-B2-0.0	Total/NA	Solid	5035	
570-106860-43	SS-26-C1-0.0	Total/NA	Solid	5035	
570-106860-46	SS-26-D1-0.0	Total/NA	Solid	5035	
570-106860-49	SS-28-1.0	Total/NA	Solid	5035	
570-106860-50	SS-28-A1-0.0	Total/NA	Solid	5035	
570-106860-53	SS-28-D1-0.0	Total/NA	Solid	5035	
570-106860-56	SS-28-C1-0.0	Total/NA	Solid	5035	
570-106860-59	SS-29-1.0	Total/NA	Solid	5035	
570-106860-60	SS-29-A1-0.0	Total/NA	Solid	5035	
570-106860-63	SS-29-B1-0.0	Total/NA	Solid	5035	
570-106860-64	DUP 4	Total/NA	Solid	5035	
570-106860-67	SS-29-C1-0.0	Total/NA	Solid	5035	
570-106860-70	SS-29-D1-0.0	Total/NA	Solid	5035	

Analysis Batch: 260059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-16	DUP 2	Total/NA	Solid	8015B	258082
570-106860-36	DUP 3	Total/NA	Solid	8015B	258082
570-106860-41	SS-26-B1-1.0	Total/NA	Solid	8015B	258082
570-106860-42	SS-26-B2-0.0	Total/NA	Solid	8015B	258082
MB 570-260059/5	Method Blank	Total/NA	Solid	8015B	
LCS 570-260059/3	Lab Control Sample	Total/NA	Solid	8015B	
LCSD 570-260059/4	Lab Control Sample Dup	Total/NA	Solid	8015B	

GC Semi VOA

Prep Batch: 258032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-1	SS-10-1.0	Total/NA	Solid	3550C	
570-106860-2	DUP 1	Total/NA	Solid	3550C	
570-106860-3	SS-10-A1-0.0	Total/NA	Solid	3550C	
570-106860-6	SS-10-B1-0.0	Total/NA	Solid	3550C	
570-106860-9	SS-10-C1-0.0	Total/NA	Solid	3550C	
570-106860-12	SS-10-D1-0.0	Total/NA	Solid	3550C	
570-106860-15	SS-24-B1-0.0	Total/NA	Solid	3550C	
570-106860-19	SS-24-C1-0.0	Total/NA	Solid	3550C	
MB 570-258032/1-A	Method Blank	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 258032 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-258032/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCS 570-258032/6-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-258032/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
LCSD 570-258032/7-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-106860-1 MS	SS-10-1.0	Total/NA	Solid	3550C	
570-106860-1 MS	SS-10-1.0	Total/NA	Solid	3550C	
570-106860-1 MSD	SS-10-1.0	Total/NA	Solid	3550C	
570-106860-1 MSD	SS-10-1.0	Total/NA	Solid	3550C	

Prep Batch: 258043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-22	SS-25-1.0	Total/NA	Solid	3550C	
570-106860-23	SS-25-A1-0.0	Total/NA	Solid	3550C	
570-106860-26	SS-25-B1-0.0	Total/NA	Solid	3550C	
570-106860-29	SS-25-C1-0.0	Total/NA	Solid	3550C	
570-106860-32	SS-25-D1-0.0	Total/NA	Solid	3550C	
570-106860-35	SS-26-1.0	Total/NA	Solid	3550C	
570-106860-37	SS-26-A1-0.0	Total/NA	Solid	3550C	
570-106860-40	SS-26-B1-0.0	Total/NA	Solid	3550C	
MB 570-258043/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-258043/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCS 570-258043/6-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-258043/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
LCSD 570-258043/7-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-106860-22 MS	SS-25-1.0	Total/NA	Solid	3550C	
570-106860-22 MS	SS-25-1.0	Total/NA	Solid	3550C	
570-106860-22 MSD	SS-25-1.0	Total/NA	Solid	3550C	
570-106860-22 MSD	SS-25-1.0	Total/NA	Solid	3550C	

Prep Batch: 258046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-43	SS-26-C1-0.0	Total/NA	Solid	3550C	
570-106860-46	SS-26-D1-0.0	Total/NA	Solid	3550C	
570-106860-49	SS-28-1.0	Total/NA	Solid	3550C	
570-106860-50	SS-28-A1-0.0	Total/NA	Solid	3550C	
570-106860-53 - RA	SS-28-D1-0.0	Total/NA	Solid	3550C	
570-106860-56	SS-28-C1-0.0	Total/NA	Solid	3550C	
570-106860-59	SS-29-1.0	Total/NA	Solid	3550C	
570-106860-60 - RA	SS-29-A1-0.0	Total/NA	Solid	3550C	
MB 570-258046/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-258046/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCS 570-258046/6-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-258046/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
LCSD 570-258046/7-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-106860-43 MS	SS-26-C1-0.0	Total/NA	Solid	3550C	
570-106860-43 MS	SS-26-C1-0.0	Total/NA	Solid	3550C	
570-106860-43 MSD	SS-26-C1-0.0	Total/NA	Solid	3550C	
570-106860-43 MSD	SS-26-C1-0.0	Total/NA	Solid	3550C	

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Prep Batch: 258065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-63	SS-29-B1-0.0	Total/NA	Solid	3550C	
570-106860-64	DUP 4	Total/NA	Solid	3550C	
570-106860-67	SS-29-C1-0.0	Total/NA	Solid	3550C	
570-106860-70	SS-29-D1-0.0	Total/NA	Solid	3550C	
MB 570-258065/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-258065/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCS 570-258065/6-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-258065/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
LCSD 570-258065/7-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-106860-63 MS	SS-29-B1-0.0	Total/NA	Solid	3550C	
570-106860-63 MS	SS-29-B1-0.0	Total/NA	Solid	3550C	
570-106860-63 MSD	SS-29-B1-0.0	Total/NA	Solid	3550C	
570-106860-63 MSD	SS-29-B1-0.0	Total/NA	Solid	3550C	

Analysis Batch: 258171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-1	SS-10-1.0	Total/NA	Solid	8015B	258032
570-106860-2	DUP 1	Total/NA	Solid	8015B	258032
570-106860-3	SS-10-A1-0.0	Total/NA	Solid	8015B	258032
570-106860-6	SS-10-B1-0.0	Total/NA	Solid	8015B	258032
570-106860-9	SS-10-C1-0.0	Total/NA	Solid	8015B	258032
570-106860-12	SS-10-D1-0.0	Total/NA	Solid	8015B	258032
570-106860-15	SS-24-B1-0.0	Total/NA	Solid	8015B	258032
570-106860-19	SS-24-C1-0.0	Total/NA	Solid	8015B	258032
MB 570-258032/1-A	Method Blank	Total/NA	Solid	8015B	258032
LCS 570-258032/2-A	Lab Control Sample	Total/NA	Solid	8015B	258032
LCS 570-258032/6-A	Lab Control Sample	Total/NA	Solid	8015B	258032
LCSD 570-258032/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	258032
LCSD 570-258032/7-A	Lab Control Sample Dup	Total/NA	Solid	8015B	258032
570-106860-1 MS	SS-10-1.0	Total/NA	Solid	8015B	258032
570-106860-1 MS	SS-10-1.0	Total/NA	Solid	8015B	258032
570-106860-1 MSD	SS-10-1.0	Total/NA	Solid	8015B	258032
570-106860-1 MSD	SS-10-1.0	Total/NA	Solid	8015B	258032

Analysis Batch: 258346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-63	SS-29-B1-0.0	Total/NA	Solid	8015B	258065
570-106860-64	DUP 4	Total/NA	Solid	8015B	258065
570-106860-67	SS-29-C1-0.0	Total/NA	Solid	8015B	258065
570-106860-70	SS-29-D1-0.0	Total/NA	Solid	8015B	258065
MB 570-258065/1-A	Method Blank	Total/NA	Solid	8015B	258065
LCS 570-258065/2-A	Lab Control Sample	Total/NA	Solid	8015B	258065
LCS 570-258065/6-A	Lab Control Sample	Total/NA	Solid	8015B	258065
LCSD 570-258065/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	258065
LCSD 570-258065/7-A	Lab Control Sample Dup	Total/NA	Solid	8015B	258065
570-106860-63 MS	SS-29-B1-0.0	Total/NA	Solid	8015B	258065
570-106860-63 MS	SS-29-B1-0.0	Total/NA	Solid	8015B	258065
570-106860-63 MSD	SS-29-B1-0.0	Total/NA	Solid	8015B	258065
570-106860-63 MSD	SS-29-B1-0.0	Total/NA	Solid	8015B	258065

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Analysis Batch: 258827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-22	SS-25-1.0	Total/NA	Solid	8015B	258043
570-106860-23	SS-25-A1-0.0	Total/NA	Solid	8015B	258043
570-106860-26	SS-25-B1-0.0	Total/NA	Solid	8015B	258043
570-106860-29	SS-25-C1-0.0	Total/NA	Solid	8015B	258043
570-106860-32	SS-25-D1-0.0	Total/NA	Solid	8015B	258043
570-106860-35	SS-26-1.0	Total/NA	Solid	8015B	258043
570-106860-37	SS-26-A1-0.0	Total/NA	Solid	8015B	258043
570-106860-40	SS-26-B1-0.0	Total/NA	Solid	8015B	258043
MB 570-258043/1-A	Method Blank	Total/NA	Solid	8015B	258043
LCS 570-258043/2-A	Lab Control Sample	Total/NA	Solid	8015B	258043
LCS 570-258043/6-A	Lab Control Sample	Total/NA	Solid	8015B	258043
LCSD 570-258043/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	258043
LCSD 570-258043/7-A	Lab Control Sample Dup	Total/NA	Solid	8015B	258043
570-106860-22 MS	SS-25-1.0	Total/NA	Solid	8015B	258043
570-106860-22 MS	SS-25-1.0	Total/NA	Solid	8015B	258043
570-106860-22 MSD	SS-25-1.0	Total/NA	Solid	8015B	258043
570-106860-22 MSD	SS-25-1.0	Total/NA	Solid	8015B	258043

Analysis Batch: 258980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-43	SS-26-C1-0.0	Total/NA	Solid	8015B	258046
570-106860-46	SS-26-D1-0.0	Total/NA	Solid	8015B	258046
570-106860-49	SS-28-1.0	Total/NA	Solid	8015B	258046
570-106860-50	SS-28-A1-0.0	Total/NA	Solid	8015B	258046
570-106860-53 - RA	SS-28-D1-0.0	Total/NA	Solid	8015B	258046
570-106860-56	SS-28-C1-0.0	Total/NA	Solid	8015B	258046
570-106860-59	SS-29-1.0	Total/NA	Solid	8015B	258046
570-106860-60 - RA	SS-29-A1-0.0	Total/NA	Solid	8015B	258046
MB 570-258046/1-A	Method Blank	Total/NA	Solid	8015B	258046
LCS 570-258046/2-A	Lab Control Sample	Total/NA	Solid	8015B	258046
LCS 570-258046/6-A	Lab Control Sample	Total/NA	Solid	8015B	258046
LCSD 570-258046/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	258046
LCSD 570-258046/7-A	Lab Control Sample Dup	Total/NA	Solid	8015B	258046
570-106860-43 MS	SS-26-C1-0.0	Total/NA	Solid	8015B	258046
570-106860-43 MS	SS-26-C1-0.0	Total/NA	Solid	8015B	258046
570-106860-43 MSD	SS-26-C1-0.0	Total/NA	Solid	8015B	258046
570-106860-43 MSD	SS-26-C1-0.0	Total/NA	Solid	8015B	258046

Prep Batch: 259887

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-36	DUP 3	Total/NA	Solid	3550C	
570-106860-41	SS-26-B1-1.0	Total/NA	Solid	3550C	
570-106860-42	SS-26-B2-0.0	Total/NA	Solid	3550C	
MB 570-259887/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-259887/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCS 570-259887/6-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-259887/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
LCSD 570-259887/7-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

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Analysis Batch: 260105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-36	DUP 3	Total/NA	Solid	8015B	259887
570-106860-41	SS-26-B1-1.0	Total/NA	Solid	8015B	259887
570-106860-42	SS-26-B2-0.0	Total/NA	Solid	8015B	259887
MB 570-259887/1-A	Method Blank	Total/NA	Solid	8015B	259887
LCS 570-259887/2-A	Lab Control Sample	Total/NA	Solid	8015B	259887
LCS 570-259887/6-A	Lab Control Sample	Total/NA	Solid	8015B	259887
LCSD 570-259887/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	259887
LCSD 570-259887/7-A	Lab Control Sample Dup	Total/NA	Solid	8015B	259887

Prep Batch: 260430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-16	DUP 2	Total/NA	Solid	3550C	
MB 570-260430/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-260430/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCS 570-260430/6-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-260430/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
LCSD 570-260430/7-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-106860-16 MS	DUP 2	Total/NA	Solid	3550C	
570-106860-16 MS	DUP 2	Total/NA	Solid	3550C	
570-106860-16 MSD	DUP 2	Total/NA	Solid	3550C	
570-106860-16 MSD	DUP 2	Total/NA	Solid	3550C	

Analysis Batch: 260522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-106860-16	DUP 2	Total/NA	Solid	8015B	260430
MB 570-260430/1-A	Method Blank	Total/NA	Solid	8015B	260430
LCS 570-260430/2-A	Lab Control Sample	Total/NA	Solid	8015B	260430
LCS 570-260430/6-A	Lab Control Sample	Total/NA	Solid	8015B	260430
LCSD 570-260430/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	260430
LCSD 570-260430/7-A	Lab Control Sample Dup	Total/NA	Solid	8015B	260430
570-106860-16 MS	DUP 2	Total/NA	Solid	8015B	260430
570-106860-16 MS	DUP 2	Total/NA	Solid	8015B	260430
570-106860-16 MSD	DUP 2	Total/NA	Solid	8015B	260430
570-106860-16 MSD	DUP 2	Total/NA	Solid	8015B	260430

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-10-1.0
Lab Sample ID: 570-106860-1
Date Collected: 08/16/22 16:10
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.32 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258056	08/19/22 15:24	P1R	EET CAL
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.08 g	10 mL	258032	08/19/22 08:55	RY4P	EET CAL
Total/NA	Analysis	8015B		1			258171	08/19/22 21:58	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: DUP 1
Lab Sample ID: 570-106860-2
Date Collected: 08/16/22 16:10
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.707 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258056	08/19/22 15:49	P1R	EET CAL
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.04 g	10 mL	258032	08/19/22 08:55	RY4P	EET CAL
Total/NA	Analysis	8015B		1			258171	08/19/22 22:19	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-10-A1-0.0
Lab Sample ID: 570-106860-3
Date Collected: 08/16/22 16:15
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.483 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258056	08/19/22 16:14	P1R	EET CAL
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.18 g	10 mL	258032	08/19/22 08:55	RY4P	EET CAL
Total/NA	Analysis	8015B		1			258171	08/19/22 22:39	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-10-B1-0.0
Lab Sample ID: 570-106860-6
Date Collected: 08/16/22 16:40
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.721 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258056	08/19/22 16:39	P1R	EET CAL
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.45 g	10 mL	258032	08/19/22 08:55	RY4P	EET CAL
Total/NA	Analysis	8015B		1			258171	08/19/22 23:42	A1W	EET CAL
	Instrument ID: GC48									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-10-C1-0.0
Lab Sample ID: 570-106860-9
Date Collected: 08/16/22 17:00
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.295 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258056	08/19/22 17:04	P1R	EET CAL
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.16 g	10 mL	258032	08/19/22 08:55	RY4P	EET CAL
Total/NA	Analysis	8015B		1			258171	08/20/22 00:45	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-10-D1-0.0
Lab Sample ID: 570-106860-12
Date Collected: 08/16/22 17:15
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.396 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258056	08/19/22 17:30	P1R	EET CAL
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.08 g	10 mL	258032	08/19/22 08:55	RY4P	EET CAL
Total/NA	Analysis	8015B		1			258171	08/20/22 02:29	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-24-B1-0.0
Lab Sample ID: 570-106860-15
Date Collected: 08/16/22 08:40
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.143 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258056	08/19/22 17:55	P1R	EET CAL
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.30 g	10 mL	258032	08/19/22 08:57	RY4P	EET CAL
Total/NA	Analysis	8015B		1			258171	08/20/22 03:32	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: DUP 2
Lab Sample ID: 570-106860-16
Date Collected: 08/16/22 08:40
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.316 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	260059	08/29/22 15:30	P1R	EET CAL
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.23 g	10 mL	260430	08/30/22 10:10	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	260522	08/30/22 20:50	N5Y3	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-24-C1-0.0 — Lab Sample ID: 570-106860-19

Date Collected: 08/16/22 09:00 **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.42 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258056	08/19/22 18:20	P1R	EET CAL
	Instrument ID: GC56									
Total/NA	Prep	3550C			10.19 g	10 mL	258032	08/19/22 08:57	RY4P	EET CAL
Total/NA	Analysis	8015B		1			258171	08/20/22 04:56	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-25-1.0 — Lab Sample ID: 570-106860-22

Date Collected: 08/16/22 09:28 **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.924 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258048	08/19/22 15:35	P1R	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.16 g	10 mL	258043	08/19/22 09:03	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258827	08/25/22 00:50	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-25-A1-0.0 — Lab Sample ID: 570-106860-23

Date Collected: 08/16/22 09:34 **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.684 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258048	08/19/22 15:59	P1R	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.09 g	10 mL	258043	08/19/22 09:03	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258827	08/25/22 01:11	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-25-B1-0.0 — Lab Sample ID: 570-106860-26

Date Collected: 08/16/22 10:03 **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.993 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258048	08/19/22 16:23	P1R	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.08 g	10 mL	258043	08/19/22 09:03	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258827	08/25/22 01:32	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-25-C1-0.0 — Lab Sample ID: 570-106860-29

Date Collected: 08/16/22 10:23 — **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.658 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258048	08/19/22 16:47	P1R	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.38 g	10 mL	258043	08/19/22 09:03	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258827	08/25/22 01:53	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-25-D1-0.0 — Lab Sample ID: 570-106860-32

Date Collected: 08/16/22 10:45 — **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.022 g	5 mL	258082	08/19/22 11:11	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258048	08/19/22 17:11	P1R	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.28 g	10 mL	258043	08/19/22 09:03	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258827	08/25/22 02:14	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-26-1.0 — Lab Sample ID: 570-106860-35

Date Collected: 08/16/22 11:10 — **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.333 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258048	08/19/22 17:59	P1R	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.07 g	10 mL	258043	08/19/22 09:03	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258827	08/25/22 02:35	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: DUP 3 — Lab Sample ID: 570-106860-36

Date Collected: 08/16/22 11:10 — **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.909 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	260059	08/29/22 15:55	P1R	EET CAL
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.20 g	10 mL	259887	08/28/22 10:21	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	260105	08/29/22 23:16	N5Y3	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-26-A1-0.0 — Lab Sample ID: 570-106860-37

Date Collected: 08/16/22 11:15 **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.986 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258048	08/19/22 18:23	P1R	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.06 g	10 mL	258043	08/19/22 09:03	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258827	08/25/22 02:56	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-26-B1-0.0 — Lab Sample ID: 570-106860-40

Date Collected: 08/16/22 11:35 **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.861 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258048	08/19/22 18:47	P1R	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.17 g	10 mL	258043	08/19/22 09:03	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258827	08/25/22 03:17	A1W	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-26-B1-1.0 — Lab Sample ID: 570-106860-41

Date Collected: 08/16/22 11:40 **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.798 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	260059	08/29/22 13:24	P1R	EET CAL
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.02 g	10 mL	259887	08/28/22 10:21	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	260105	08/29/22 23:37	N5Y3	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-26-B2-0.0 — Lab Sample ID: 570-106860-42

Date Collected: 08/16/22 11:50 **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.314 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	260059	08/29/22 13:50	P1R	EET CAL
	Instrument ID: GC24									
Total/NA	Prep	3550C			10.17 g	10 mL	259887	08/28/22 10:21	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	260105	08/29/22 23:58	N5Y3	EET CAL
	Instrument ID: GC48									

Client Sample ID: SS-26-C1-0.0 — Lab Sample ID: 570-106860-43

Date Collected: 08/16/22 11:55 — **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.807 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258048	08/19/22 19:11	P1R	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.28 g	10 mL	258046	08/19/22 09:09	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258980	08/25/22 00:11	KG5J	EET CAL
	Instrument ID: GC47									

Client Sample ID: SS-26-D1-0.0 — Lab Sample ID: 570-106860-46

Date Collected: 08/16/22 12:15 — **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.904 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258048	08/19/22 19:35	P1R	EET CAL
	Instrument ID: GC22									
Total/NA	Prep	3550C			10.06 g	10 mL	258046	08/19/22 09:09	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258980	08/25/22 00:31	KG5J	EET CAL
	Instrument ID: GC47									

Client Sample ID: SS-28-1.0 — Lab Sample ID: 570-106860-49

Date Collected: 08/16/22 13:30 — **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.881 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258052	08/19/22 15:36	P1R	EET CAL
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.34 g	10 mL	258046	08/19/22 09:09	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258980	08/25/22 00:52	KG5J	EET CAL
	Instrument ID: GC47									

Client Sample ID: SS-28-A1-0.0 — Lab Sample ID: 570-106860-50

Date Collected: 08/16/22 13:40 — **Matrix: Solid**
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.825 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258052	08/19/22 16:05	P1R	EET CAL
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.09 g	10 mL	258046	08/19/22 09:09	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258980	08/25/22 01:13	KG5J	EET CAL
	Instrument ID: GC47									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-28-D1-0.0
Lab Sample ID: 570-106860-53
Date Collected: 08/16/22 14:10
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.13 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258052	08/19/22 16:34	P1R	EET CAL
	Instrument ID: GC25									
Total/NA	Prep	3550C	RA		10.25 g	10 mL	258046	08/19/22 09:09	RY4P	EET CAL
Total/NA	Analysis	8015B	RA	1	10 mL	10 mL	258980	08/25/22 10:09	KG5J	EET CAL
	Instrument ID: GC47									

Client Sample ID: SS-28-C1-0.0
Lab Sample ID: 570-106860-56
Date Collected: 08/16/22 13:55
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.352 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258052	08/19/22 17:04	P1R	EET CAL
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.13 g	10 mL	258046	08/19/22 09:09	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258980	08/25/22 01:55	KG5J	EET CAL
	Instrument ID: GC47									

Client Sample ID: SS-29-1.0
Lab Sample ID: 570-106860-59
Date Collected: 08/16/22 14:25
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.38 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258052	08/19/22 17:33	P1R	EET CAL
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.18 g	10 mL	258046	08/19/22 09:09	RY4P	EET CAL
Total/NA	Analysis	8015B		1	10 mL	10 mL	258980	08/25/22 02:15	KG5J	EET CAL
	Instrument ID: GC47									

Client Sample ID: SS-29-A1-0.0
Lab Sample ID: 570-106860-60
Date Collected: 08/16/22 14:30
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.605 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258052	08/19/22 18:32	P1R	EET CAL
	Instrument ID: GC25									
Total/NA	Prep	3550C	RA		10.02 g	10 mL	258046	08/19/22 09:09	RY4P	EET CAL
Total/NA	Analysis	8015B	RA	1	10 mL	10 mL	258980	08/25/22 10:30	KG5J	EET CAL
	Instrument ID: GC47									

Lab Chronicle

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Client Sample ID: SS-29-B1-0.0
Lab Sample ID: 570-106860-63
Date Collected: 08/16/22 15:05
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.514 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258052	08/19/22 19:01	P1R	EET CAL 4
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.10 g	10 mL	258065	08/19/22 10:07	RY4P	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	258346	08/23/22 02:20	N5Y3	EET CAL 4
	Instrument ID: GC50									

Client Sample ID: DUP 4
Lab Sample ID: 570-106860-64
Date Collected: 08/16/22 15:05
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.465 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258052	08/19/22 19:31	P1R	EET CAL 4
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.33 g	10 mL	258065	08/19/22 10:07	RY4P	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	258346	08/23/22 02:41	N5Y3	EET CAL 4
	Instrument ID: GC50									

Client Sample ID: SS-29-C1-0.0
Lab Sample ID: 570-106860-67
Date Collected: 08/16/22 15:30
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.567 g	5 mL	258082	08/19/22 11:14	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258052	08/19/22 20:00	P1R	EET CAL 4
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.27 g	10 mL	258065	08/19/22 10:07	RY4P	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	258346	08/23/22 06:58	N5Y3	EET CAL 4
	Instrument ID: GC50									

Client Sample ID: SS-29-D1-0.0
Lab Sample ID: 570-106860-70
Date Collected: 08/16/22 15:50
Matrix: Solid
Date Received: 08/18/22 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.349 g	5 mL	258082	08/19/22 11:16	WBF8	EET CAL 4
Total/NA	Analysis	8015B		1	5 g	5 mL	258052	08/19/22 20:29	P1R	EET CAL 4
	Instrument ID: GC25									
Total/NA	Prep	3550C			10.19 g	10 mL	258065	08/19/22 10:07	RY4P	EET CAL 4
Total/NA	Analysis	8015B		1	10 mL	10 mL	258346	08/23/22 08:02	N5Y3	EET CAL 4
	Instrument ID: GC50									

Laboratory References:
EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Accreditation/Certification Summary

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Laboratory: Eurofins Calscience

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	3082	07-31-23

Method Summary

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Method	Method Description	Protocol	Laboratory
8015B	Gasoline Range Organics - (GC)	SW846	EET CAL 4
8015B	Diesel Range Organics (DRO) (GC)	SW846	EET CAL 4
3550C	Ultrasonic Extraction	SW846	EET CAL 4
5035	Closed System Purge and Trap	SW846	EET CAL 4

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CAL 4 = Eurofins Calscience Tustin, 2841 Dow Avenue, Tustin, CA 92780, TEL (714)895-5494

Sample Summary

Client: Tetra Tech, Inc.
Job ID: 570-106860-1
Project/Site: Rio Del Valle MS Expansion / 112G-SBA-T4

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-106860-1	SS-10-1.0	Solid	08/16/22 16:10	08/18/22 09:45
570-106860-2	DUP 1	Solid	08/16/22 16:10	08/18/22 09:45
570-106860-3	SS-10-A1-0.0	Solid	08/16/22 16:15	08/18/22 09:45
570-106860-6	SS-10-B1-0.0	Solid	08/16/22 16:40	08/18/22 09:45
570-106860-9	SS-10-C1-0.0	Solid	08/16/22 17:00	08/18/22 09:45
570-106860-12	SS-10-D1-0.0	Solid	08/16/22 17:15	08/18/22 09:45
570-106860-15	SS-24-B1-0.0	Solid	08/16/22 08:40	08/18/22 09:45
570-106860-16	DUP 2	Solid	08/16/22 08:40	08/18/22 09:45
570-106860-19	SS-24-C1-0.0	Solid	08/16/22 09:00	08/18/22 09:45
570-106860-22	SS-25-1.0	Solid	08/16/22 09:28	08/18/22 09:45
570-106860-23	SS-25-A1-0.0	Solid	08/16/22 09:34	08/18/22 09:45
570-106860-26	SS-25-B1-0.0	Solid	08/16/22 10:03	08/18/22 09:45
570-106860-29	SS-25-C1-0.0	Solid	08/16/22 10:23	08/18/22 09:45
570-106860-32	SS-25-D1-0.0	Solid	08/16/22 10:45	08/18/22 09:45
570-106860-35	SS-26-1.0	Solid	08/16/22 11:10	08/18/22 09:45
570-106860-36	DUP 3	Solid	08/16/22 11:10	08/18/22 09:45
570-106860-37	SS-26-A1-0.0	Solid	08/16/22 11:15	08/18/22 09:45
570-106860-40	SS-26-B1-0.0	Solid	08/16/22 11:35	08/18/22 09:45
570-106860-41	SS-26-B1-1.0	Solid	08/16/22 11:40	08/18/22 09:45
570-106860-42	SS-26-B2-0.0	Solid	08/16/22 11:50	08/18/22 09:45
570-106860-43	SS-26-C1-0.0	Solid	08/16/22 11:55	08/18/22 09:45
570-106860-46	SS-26-D1-0.0	Solid	08/16/22 12:15	08/18/22 09:45
570-106860-49	SS-28-1.0	Solid	08/16/22 13:30	08/18/22 09:45
570-106860-50	SS-28-A1-0.0	Solid	08/16/22 13:40	08/18/22 09:45
570-106860-53	SS-28-D1-0.0	Solid	08/16/22 14:10	08/18/22 09:45
570-106860-56	SS-28-C1-0.0	Solid	08/16/22 13:55	08/18/22 09:45
570-106860-59	SS-29-1.0	Solid	08/16/22 14:25	08/18/22 09:45
570-106860-60	SS-29-A1-0.0	Solid	08/16/22 14:30	08/18/22 09:45
570-106860-63	SS-29-B1-0.0	Solid	08/16/22 15:05	08/18/22 09:45
570-106860-64	DUP 4	Solid	08/16/22 15:05	08/18/22 09:45
570-106860-67	SS-29-C1-0.0	Solid	08/16/22 15:30	08/18/22 09:45
570-106860-70	SS-29-D1-0.0	Solid	08/16/22 15:50	08/18/22 09:45

Patel, Vikas

From: Steele, James <Jim.STEELE@tetratech.com>
Sent: Monday, August 29, 2022 12:25 PM
To: Patel, Vikas
Cc: Westhaus, Randy
Subject: RE: Preliminary Eurofins Calscience report and EDD files from 570-106769-1 Rio Del Valle MS Expansion / 112G-SBA-T4
Attachments: COC Excerpt 2 J106860-1 UDS Level 2 Report Prelim Report (Watermarked).pdf

Hello Vic.

You are correct. DUP 2 was submitted with the batch covered in laboratory report 570-106760-1 (Please see the attached sheet). Please analyze it.

Thanks,

Jim

From: Patel, Vikas <Vikas.Patel@et.eurofinsus.com>
Sent: Monday, August 29, 2022 9:52 AM
To: Steele, James <Jim.STEELE@tetratech.com>
Cc: Westhaus, Randy <Randy.Westhaus@tetratech.com>
Subject: RE: Preliminary Eurofins Calscience report and EDD files from 570-106769-1 Rio Del Valle MS Expansion / 112G-SBA-T4

Hi Jim - We should be able to accommodate your request, but sample DUP 2 was not submitted on laboratory report 570-106769-1. Please confirm.

Thank you,

Vikas Patel
Project Manager

From: Steele, James <Jim.STEELE@tetratech.com>
Sent: Friday, August 26, 2022 2:46 PM
To: Patel, Vikas <Vikas.Patel@et.eurofinsus.com>
Cc: Westhaus, Randy <Randy.Westhaus@tetratech.com>
Subject: RE: Preliminary Eurofins Calscience report and EDD files from 570-106769-1 Rio Del Valle MS Expansion / 112G-SBA-T4

Hello Vic.

I have reviewed the TPHg, TPHd, and TPHm soil sample results in the preliminary laboratory reports sent to me today, Eurofins laboratory reports 570-106860-1 and 570-106869-1.

Please analyze the following soil samples for TPHg, TPHd, and TPHm via method 8015B as indicated on the attached marked COC pages from the laboratory reports:

- Eurofins laboratory report 570-106860-1, samples DUP 3, SS-26-B1-1.0, and SS-26-B2-0.0.
- Eurofins laboratory report 570-106869-1, samples DUP 2, SS-23-D1-1.0, and SS-23-D2-0.0.

Please start the sample analysis before the sample holding time expires.

Please let me know that you have received this email and can perform these analyses.

Thanks,

Jim

106860

TETRA TECH

COC ID. | SDG: | TURNAROUND TIME: Standard | PAGE: 1 of 9 2

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the receipt of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et.eurofinsus com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech com			
Project Number	112G-SBA-T4501 Task 05	City	Tustin State CA	
SAMPLERS		Postal Code	92780	
Sampler's Name	Brent Haas & Shelby Valenza	Phone Number	714-895-5494	
Sampler's Signature	B Haas	Quote Number		
Sampler 2	Shelby Valenza	PO Number	112G-SBA-T41501 Task 05	
Sampler 3				

SAMPLE DETAILS | **ANALYSIS REQUESTED**

570-106860 Chain of Custody

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C12)	SW8015B (TPHd/m C10-C-28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
1	SS-10-1 0	8/16/22	1610	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
2	DUP 1	8/16/22	1610	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
3	SS-10-A1-0 0	8/16/22	1615	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
4	SS-10-A1-1 0	8/16/22	1625	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
5	SS-10-A2-0 0	8/16/22	1630	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
6	SS-10-B1-0 0	8/16/22	1640	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
7	SS-10-B1-1 0	8/16/22	1645	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
8	SS-10-B2-0 0	8/16/22	1650	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
9	SS-10-C1-0 0	8/16/22	1700	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
10	SS-10-C1-1 0	8/16/22	1705	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
	Cooler Count		Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
Shelby Valenza / Tetra Tech	8/17/22 1635	EC	8/18/22 0945

18/18 27/27 15/15 IR SC12

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TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 2 of 9 1/2

CLIENT/PROJECT INFORMATION	
Client	Rio School District
Project Name	Rio Del Valle Middle School SSI
Project Manager	Jim Steele
Phone Number	805-681-1302
Email Address	jim steele@tetratech com
Project Number	112G-SBA-T4501 Task 05

SAMPLERS	
Sampler's Name	Brent Haas & Shelby Valenza
Sampler's Signature	BT Haas
Sampler 2	Shelby Valenza
Sampler 3	

LABORATORY	
Lab Name	Eurofins Calscience, Inc.
Lab Contact	Vikas Patel
Email	vikas patel@et.eurofinsus com
Address	2841 Dow Avenue, Suite 100
City	Tustin
State	CA
Postal Code	92780
Phone Number	714-895-5494
Quote Number	
PO Number	112G-SBA-T41501 Task 05

SPECIAL INSTRUCTIONS/COMMENTS

The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the reciept of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech

SAMPLE DETAILS / **ANALYSIS REQUESTED**

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C12)	SW8015B (TPHd/m C10-C28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
11	SS-10-C2-0 0	8/16/22	1710	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
12	SS-10-D1-0 0	8/16/22	1715	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
13	SS-10-D1-1 0	8/16/22	1720	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
14	SS-10-D2-0 0	8/16/22	1725	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
	~~SS-23-1 0~~			~~Soil~~	~~G~~	~~4~~		~~X~~	~~X~~			~~Sample Set 1 To be analyzed starting on reciept by laboratory~~
	~~SS-23-A1-0 0~~			~~Soil~~	~~G~~	~~4~~		~~X~~	~~X~~			~~Sample Set 1 To be analyzed starting on reciept by laboratory~~
	~~SS-23-A1-1 0~~			~~Soil~~	~~G~~	~~4~~		~~X~~	~~X~~			~~Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.~~
	~~SS-23-A2-0 0~~			~~Soil~~	~~G~~	~~4~~		~~X~~	~~X~~			~~Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.~~
	~~SS-23-B1-0 0~~			~~Soil~~	~~G~~	~~4~~		~~X~~	~~X~~			~~Sample Set 1 To be analyzed starting on reciept by laboratory~~
	~~SS-23-B1-1 0~~			~~Soil~~	~~G~~	~~4~~		~~X~~	~~X~~			~~Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.~~
	Cooler Count		Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
Shelby Valenza / Tetra Tech	8/17/22 1635		8/18/22 0945

106860

TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 13 of 9 12

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the reciept of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et.eurofinsus com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech com			
Project Number	112G-SBA-T4501 Task 05	City	Tustin State CA	
SAMPLERS		Postal Code	92780	
Sampler's Name	Brent Haas & Shelby Valenza	Phone Number	714-895-5494	
Sampler's Signature		Quote Number		
Sampler 2	Shelby Valenza	PO Number	112G-SBA-T41501 Task 05	
Sampler 3				

SAMPLE DETAILS / **ANALYSIS REQUESTED**

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C-12)	SW8015B (TPHd/m C10-C-28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
	~~SS-24-A2-0 0~~			~~Soil~~	~~G~~	~~4~~		~~X~~	~~X~~			~~Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.~~
15	SS-24-B1-0 0	8/16/22	0840	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
16	DUP 2	8/16/22	0840	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
17	SS-24-B1-1 0	8/16/22	0847	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
18	SS-24-B2-0 0	8/16/22	0855	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
19	SS-24-C1-0 0	8/16/22	0900	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
20	SS-24-C1-1 0	8/16/22	0908	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
21	SS-24-C2-0 0	8/16/22	0915	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
	~~SS-24-D1-0 0~~			~~Soil~~	~~G~~	~~4~~		~~X~~	~~X~~			~~Sample Set 1 To be analyzed starting on reciept by laboratory~~
	~~SS-24-D1-1 0~~			~~Soil~~	~~G~~	~~4~~		~~X~~	~~X~~			~~Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.~~
	Cooler Count		Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
Shelby Valenza / Tetra Tech	8/17/22 1635	EC	8/18/22 0945

9/2/2022

106860

TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 54 of 9 pg

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the reciept of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et.eurofinsus com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech com			
Project Number	112G-SBA-T4501 Task 05	City	Tustin State CA	
SAMPLERS		Postal Code	92780	
Sampler's Name	Brent Haas & Shelby Valenza	Phone Number	714-895-5494	
Sampler's Signature	BHaas SValenza	Quote Number		
Sampler 2		PO Number	112G-SBA-T41501 Task 05	
Sampler 3				

SAMPLE DETAILS / **ANALYSIS REQUESTED**

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C12)	SW8015B (TPHd/m C10-C28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
	~~SS-24-D2-0 0~~			Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
22	SS-25-1 0	8/16/22	0928	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
23	SS-25-A1-0 0	8/16/22	0934	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
24	SS-25-A1-1 0	8/16/22	0945	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
25	SS-25-A2-0 0	8/16/22	0955	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
26	SS-25-B1-0 0	8/16/22	1003	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
27	SS-25-B1-1 0	8/16/22	1010	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
28	SS-25-B2-0 0	8/16/22	1017	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
29	SS-25-C1-0 0	8/16/22	1023	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
30	SS-25-C1-1 0	8/16/22	1030	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
	Cooler Count		Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
Shelby Valenza / Tetra Tech	8/17/22 1635	LC	8/18/22 0745

9/2/2022

106860

TETRA TECH

COC ID: SDG: TURNAROUND TIME. Standard PAGE: 15 of 9 1/2

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the reciept of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et.eurofinsus com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech com			
Project Number	112G-SBA-T4501 Task 05	City	Tustin State CA	
SAMPLERS		Postal Code	92780	
Sampler's Name	Brent Haas & Shelby Valenza	Phone Number	714-895-5494	
Sampler's Signature	B Haas	Quote Number		
Sampler 2	Shelby Valenza	PO Number	112G-SBA-T41501 Task 05	
Sampler 3				

SAMPLE DETAILS / **ANALYSIS REQUESTED**

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C12)	SW8015B (TPHd/m C10-C28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
31	SS-25-C2-0 0	8/16/22	1038	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
32	SS-25-D1-0 0	8/16/22	1045	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
33	SS-25-D1-1 0	8/16/22	1052	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
34	SS-25-D2-0 0	8/16/22	1059	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
35	SS-26-1.0	8/16/22	1110	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
36	DUP 3	8/16/22	1110	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
37	SS-26-A1-0 0	8/16/22	1115	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
38	SS-26-A1-1 0	8/16/22	1120	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
39	SS-26-A2-0 0	8/16/22	1130	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
40	SS-26-B1-0 0	8/16/22	1135	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
	Cooler Count		Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
Shelby Valenza / Tetra Tech	8/17/22 1635		8/18/22 0945

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TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 76 of 91

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the receipt of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et.eurofinsus com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech com	City	Tustin State CA	
Project Number	112G-SBA-T4501 Task 05	Postal Code	92780	
SAMPLERS		Phone Number	714-895-5494	
Sampler's Name	Brent Haas, Shelby Valenza	Quote Number		
Sampler's Signature		PO Number	112G-SBA-T41501 Task 05	
Sampler 2				
Sampler 3				

SAMPLE DETAILS / **ANALYSIS REQUESTED**

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C-12)	SW8015B (TPHd/m C10-C-28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
41	SS-26-B1-1 0	8/16/22	1140	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
42	SS-26-B2-0 0	8/16/22	1150	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
43	SS-26-C1-0 0	8/16/22	1155	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
44	SS-26-C1-1 0	8/16/22	1200	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
45	SS-26-C2-0 0	8/16/22	1210	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
46	SS-26-D1-0 0	8/16/22	1215	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
47	SS-26-D1-1 0	8/16/22	1225	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
48	SS-26-D2-0 0	8/16/22	1235	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
49	SS-28-1 0	8/16/22	1330	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
50	SS-28-A1-0 0	8/16/22	1340	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on receipt by laboratory
	Cooler Count		Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
Tetra Tech	8/17/22 1635	EC	8/18/22 0745

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TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 87 of 9 1/2

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the reciept of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et.eurofinsus com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech com			
Project Number	112G-SBA-T4501 Task 05	City	Tustin State CA	
SAMPLERS		Postal Code	92780	
Sampler's Name	Brent Haas & Shelby Valenza	Phone Number	714-895-5494	
Sampler's Signature		Quote Number		
Sampler 2	Rey Vaenza	PO Number	112G-SBA-T41501 Task 05	
Sampler 3				

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C-12)	SW8015B (TPHd/m C10-C-28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
51	SS-28-A1-1 0	8/16/22	1345	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
52	SS-28-A2-0 0	8/16/22	1350	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
53	SS-28-B1-0.0	8/16/22	1410	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
54	SS-28-B1-1 0	8/16/22	1415	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
55	SS-28-B2-0 0	8/16/22	1420	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
56	SS-28-C1-0 0	8/16/22	1355	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
57	SS-28-C1-1 0	8/16/22	1400	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
58	SS-28-C2-0 0	8/16/22	1405	Soil	G	4		X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
59	SS-29-1 0	8/16/22	1425	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
60	SS-29-A1-0 0	8/16/22	1430	Soil	G	4		X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
	Cooler Count		Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
Rey Vaenza / Tetra Tech	8/17/22 1635	EZ	8/18/22 0945

9/2/2022

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TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 8 of 9

CLIENT/PROJECT INFORMATION	
Client	Rio School District
Project Name	Rio Del Valle Middle School SSI
Project Manager	Jim Steele
Phone Number	805-681-1302
Email Address	jim steele@tetratech com
Project Number	112G-SBA-T4501 Task 05

SAMPLERS	
Sampler's Name	Brent Haas & Shelby Valenza
Sampler's Signature	
Sampler 2	Shelby Valenza
Sampler 3	

LABORATORY	
Lab Name	Eurofins Calscience, Inc.
Lab Contact	Vikas Patel
Email	vikas patel@et.eurofinsus com
Address	2841 Dow Avenue, Suite 100
City	Tustin
State	CA
Postal Code	92780
Phone Number	714-895-5494
Quote Number	
PO Number	112G-SBA-T41501 Task 05

SPECIAL INSTRUCTIONS/COMMENTS

The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the reciept of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech

SAMPLE DETAILS / **ANALYSIS REQUESTED**

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS: SW8015B (TPHg C4-C12)	SW8015B (TPHd/m C10-C-28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
61	SS-29-A1-1 0	8/16/22	1450	Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
62	SS-29-A2-0 0	8/16/22	1500	Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
63	SS-29-B1-0 0	8/16/22	1505	Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
64	DUP 4	8/16/22	1505	Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
65	SS-29-B1-1 0	8/16/22	1515	Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
66	SS-29-B2-0 0	8/16/22	1525	Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
67	SS-29-C1-0.0	8/16/22	1530	Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
68	SS-29-C1-1 0	8/16/22	1540	Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
69	SS-29-~~D2~~ C2-0 0	8/16/22	1545	Soil	G	4	X	X			Sample Set 2 Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
70	SS-29-D1-0 0	8/16/22	1550	Soil	G	4	X	X			Sample Set 1 To be analyzed starting on reciept by laboratory
	Cooler Count		Cooler Temp								

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
Shelby Valenza / Tetra Tech	8/17/22 1635	EC	8/18/22 0945

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TETRA TECH

COC ID: SDG: TURNAROUND TIME: Standard PAGE: 59 of 91

CLIENT/PROJECT INFORMATION		LABORATORY		SPECIAL INSTRUCTIONS/COMMENTS
Client	Rio School District	Lab Name	Eurofins Calscience, Inc.	The laboratory analysis of Sample Set 1 (highlighted in yellow) will start on the receipt of the samples at the laboratory The laboratory will hold Sample Set 2 Sample Set 2 will be analyzed following the analysis of Sample Set 1 if directed to by Jim Steele of Tetra Tech
Project Name	Rio Del Valle Middle School SSI	Lab Contact	Vikas Patel	
Project Manager	Jim Steele	Email	vikas patel@et eurofinsus com	
Phone Number	805-681-1302	Address	2841 Dow Avenue, Suite 100	
Email Address	jim steele@tetratech com			
Project Number	112G-SBA-T4501 Task 05	City	Tustin State CA	
SAMPLERS		Postal Code	92780	
Sampler's Name	Brent Haas & Shelby Valenza	Phone Number	714-895-5494	
Sampler's Signature		Quote Number		
Sampler 2	Shelby Valenza	PO Number	112G-SBA-T41501 Task 05	
Sampler 3				

	Sample Identification	Date	Time (24hr)	Matrix	Sample Type (G=Grab, C=Comp)	Number of Containers	ANALYSIS	SW8015B (TPHg C4-C-12)	SW8015B (TPHd/m C10-C-28/C17-C44)	SW8081A (OCPs)	SW 6010B (Total Lead only)	Remarks
71	SS-29-D1-1 0	8/16/22	1555	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
72	SS-29-D2-0 0	8/16/22	1600	Soil	G	4		X	X			Sample Set 2. Lab will hold sample and analyze if directed to by Tetra Tech following analysis of Sample Set 1.
	~~SS-30-0.0~~			~~Soil~~	~~G~~	~~1~~				~~X~~	~~X~~	~~Sample Set 1 To be analyzed starting on receipt by laboratory~~
	~~DUP 5~~			~~Soil~~	~~G~~	~~1~~				~~X~~	~~X~~	~~Sample Set 1 To be analyzed starting on receipt by laboratory~~
	~~SS-30-2 0~~			Soil	G	1				X		~~Sample Set 1 To be analyzed starting on receipt by laboratory~~
	~~SS-31-0 0~~			~~Soil~~	~~G~~	~~1~~				X	X	~~Sample Set 1 To be analyzed starting on receipt by laboratory~~
	~~SS-31-2 0~~			~~Soil~~	~~G~~	~~1~~				~~X~~		~~Sample Set 1 To be analyzed starting on receipt by laboratory~~
	~~SS-32-0.0~~			~~Soil~~	~~G~~	~~1~~				~~X~~	~~X~~	~~Sample Set 1 To be analyzed starting on receipt by laboratory~~
	~~SS-32-2 0~~			~~Soil~~	~~G~~	~~1~~				~~X~~		~~Sample Set 1 To be analyzed starting on receipt by laboratory~~
	~~SS-33-0 0~~			~~Soil~~	~~G~~	~~1~~				X	X	~~Sample Set 1 To be analyzed starting on receipt by laboratory~~
	Cooler Count		Cooler Temp									

RELINQUISHED BY/AFFILIATION	DATE/TIME	ACCEPTED BY/AFFILIATION	DATE/TIME
Shelby Valenza / Tetra Tech	8/17/22 1635	EC	5/18/22 0945

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9/2/2022

106860

LINABELLE NATIVIDAD

5383 HOLLISTER AVE
SUITE 130
SANTA BARBARA, CA 93111
UNITED STATES US

TO EUROFINS CALSCIENCE S
EUROFINS CALSCIENCE II
2841 DOW AVENUE
SUITE 100
TUSTIN CA 92780
(714) 895-5494 REF 112G-SB
INV:
PO:

1 of 3
TRK# 0201 7776 9114 4908
MASTER
92 DTHA

LINABELLE NATIVIDAD

5383 HOLLISTER AVE
SUITE 130
SANTA BARBARA, CA 93
UNITED STATES US

570-106860 Waybill

TO EUROFINS C
EUROFINS CALSCIE
2841 DOW AVENUE
SUITE 100
TUSTIN CA 92780
(714) 895-5494 RE
INV:
PO:

2 of 3
MPS# 0263 7776 9114 4356
Mstr# 7776 9114 4908
92 DTHA

ACTWGT 30.00 LB
CAD: 255272449/INET4490

BILL SENDER

TO EUROFINS CALSCIENCE SAMPLE REC.
EUROFINS CALSCIENCE INC
2841 DOW AVENUE
SUITE 100
TUSTIN CA 92780
(714) 895-5494 REF 112G-SBA-T41501-05---HAAS
INV:
PO: DEPT

581J2F39DFE2D

FedEx Express

J22202204120tuv

3 of 3
MPS# 0263 7776 9114 4437
Mstr# 7776 9114 4908
0201

THU - 18 AUG 10:30A
PRIORITY OVERNIGHT

92780
CA-US SNA

92 DTHA

Login Sample Receipt Checklist

Client: Tetra Tech, Inc.

Job Number: 570-106860-1

Login Number: 106860
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

D – PROUCL INPUT AND OUTPUT FILES

ProUCL Input TPHg		
	TPHg mg/kg 2021&2022	d_TPHg mg/kg 2021&2022
SS-10-1.0	0.11	0
SS-10-A1-0.0	0.091	0
SS-10-B1-0.0	0.087	0
SS-10-C1-0.0	0.094	0
SS-10-D1-0.0	0.093	0
SS-24-B1-0.0	0.073	1
SS-24-C1-0.0	0.087	1
SS-25-1.0	0.092	1
SS-25-A1-0.0	0.24	1
SS-25-B1-0.0	0.094	1
SS-25-C1-0.0	0.16	1
SS-25-D1-0.0	0.11	1
SS-26-1.0	0.1	0
SS-26-A1-0.0	0.077	1
SS-26-B1-0.0	0.21	1
SS-26-B1-1.0	0.1	0
SS-26-B2-0.0	0.11	1
SS-26-C1-0.0	0.15	1
SS-26-D1-0.0	0.082	1
SS-28-1.0	0.1	0
SS-28-A1-0.0	0.1	0
SS-28-C1-0.0	0.086	1
SS-28-D1-0.0	0.12	0
SS-29-1.0	0.085	1
SS-29-A1-0.0	0.089	0
SS-29-B1-0.0	0.091	0
SS-29-C1-0.0	0.09	0
SS-29-D1-0.0	0.055	1
SS-23-1.0	0.11	0
SS-23-A1-0.0	0.088	0
SS-23-B1-0.0	0.095	0
SS-23-C1-0.0	0.064	1
SS-23-D1-0.0	0.093	0
SS-23-D1-1.0	0.099	0
SS-23-D2-0.0	0.3	1
SS-24-1.0	0.1	0
SS-24-A1-0.0	0.1	0
SS-23&Dup	310	1
SS-24	6.6	1
SS-25	0.25	1
SS-26	0.27	1
SS-27	0.11	1
SS-28	0.36	1
SS-29	0.21	1

UCL Statistics for Data Sets with Non-Detects		
User Selected Options		
Date/Time of Computation	ProUCL 5.2 9/21/2022 1:45:46 PM	
From File	WorkSheet_a.xls	
Full Precision	OFF	
Confidence Coefficient	95%	
Number of Bootstrap Operations	2000	

TPHg mg/kg 2021&2022

General Statistics			
Total Number of Observations	44	Number of Distinct Observations	30
Number of Detects	24	Number of Non-Detects	20
Number of Distinct Detects	21	Number of Distinct Non-Detects	12
Minimum Detect	0.055	Minimum Non-Detect	0.087
Maximum Detect	310	Maximum Non-Detect	0.12
Variance Detects	3995	Percent Non-Detects	45.45%
Mean Detects	13.33	SD Detects	63.2
Median Detects	0.11	CV Detects	4.742
Skewness Detects	4.896	Kurtosis Detects	23.98
Mean of Logged Detects	-1.568	SD of Logged Detects	1.83

Normal GOF Test on Detects Only		
Shapiro Wilk Test Statistic	0.218	**Shapiro Wilk GOF Test**
1% Shapiro Wilk Critical Value	0.884	Detected Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.501	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.205	Detected Data Not Normal at 1% Significance Level
Detected Data Not Normal at 1% Significance Level		

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs			
KM Mean	7.305	KM Standard Error of Mean	7.11
90KM SD	46.17	95% KM (BCA) UCL	21.38
95% KM (t) UCL	19.26	95% KM (Percentile Bootstrap) UCL	21.38
95% KM (z) UCL	19	95% KM Bootstrap t UCL	4976
90% KM Chebyshev UCL	28.64	95% KM Chebyshev UCL	38.3
97.5% KM Chebyshev UCL	51.71	99% KM Chebyshev UCL	78.05

Gamma GOF Tests on Detected Observations Only		
A-D Test Statistic	7.084	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.917	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.502	**Kolmogorov-Smirnov GOF**
5% K-S Critical Value	0.199	Detected Data Not Gamma Distributed at 5% Significance Level
Detected Data Not Gamma Distributed at 5% Significance Level		

Gamma Statistics on Detected Data Only			
k hat (MLE)	0.18	k star (bias corrected MLE)	0.185
Theta hat (MLE)	74.09	Theta star (bias corrected MLE)	71.97
nu hat (MLE)	8.635	nu star (bias corrected)	8.889
Mean (detects)	13.33		

Gamma ROS Statistics using Imputed Non-Detects

53	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
56	This is especially true when the sample size is small.											
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
58					Minimum	0.01				Mean	7.274	
59					Maximum	310				Median	0.0685	
60					SD	46.71				CV	6.421	
61					k hat (MLE)	0.155				k star (bias corrected MLE)	0.16	
62					Theta hat (MLE)	46.92				Theta star (bias corrected MLE)	45.57	
63					nu hat (MLE)	13.64				nu star (bias corrected)	14.05	
64					Adjusted Level of Significance (β)	0.0445						
65					Approximate Chi Square Value (14.05, α)	6.604				Adjusted Chi Square Value (14.05, β)	6.43	
66					95% Gamma Approximate UCL	15.47				95% Gamma Adjusted UCL	15.89	
67												
68	**Estimates of Gamma Parameters using KM Estimates**											
69					Mean (KM)	7.305				SD (KM)	46.17	
70					Variance (KM)	2132				SE of Mean (KM)	7.11	
71					k hat (KM)	0.025				k star (KM)	0.0385	
72					nu hat (KM)	2.203				nu star (KM)	3.386	
73					theta hat (KM)	291.8				theta star (KM)	189.9	
74					80% gamma percentile (KM)	0.334				90% gamma percentile (KM)	7.381	
75					95% gamma percentile (KM)	34.25				99% gamma percentile (KM)	174.9	
76												
77	**Gamma Kaplan-Meier (KM) Statistics**											
78					Approximate Chi Square Value (3.39, α)	0.495				Adjusted Chi Square Value (3.39, β)	0.462	
79					95% KM Approximate Gamma UCL	49.93				95% KM Adjusted Gamma UCL	53.49	
80	95% KM Adjusted Gamma UCL (use when k<=1 and 15 < n < 50)											
81												
82	**Lognormal GOF Test on Detected Observations Only**											
83					Shapiro Wilk Test Statistic	0.585				**Shapiro Wilk GOF Test**		
84					10% Shapiro Wilk Critical Value	0.93				Detected Data Not Lognormal at 10% Significance Level		
85					Lilliefors Test Statistic	0.299				**Lilliefors GOF Test**		
86					10% Lilliefors Critical Value	0.162				Detected Data Not Lognormal at 10% Significance Level		
87	**Detected Data Not Lognormal at 10% Significance Level**											
88												
89	**Lognormal ROS Statistics Using Imputed Non-Detects**											
90					Mean in Original Scale	7.298				Mean in Log Scale	-2.158	
91					SD in Original Scale	46.71				SD in Log Scale	1.521	
92					95% t UCL (assumes normality of ROS data)	19.14				95% Percentile Bootstrap UCL	21.26	
93					95% BCA Bootstrap UCL	28.44				95% Bootstrap t UCL	4509	
94					95% H-UCL (Log ROS)	0.738						
95												
96	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
97					KM Mean (logged)	-2.025				KM Geo Mean	0.132	
98					KM SD (logged)	1.419				95% Critical H Value (KM-Log)	2.874	
99					KM Standard Error of Mean (logged)	0.22				95% H-UCL (KM -Log)	0.672	
100					KM SD (logged)	1.419				95% Critical H Value (KM-Log)	2.874	
101					KM Standard Error of Mean (logged)	0.22						
102	**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**											
103												
104	**DL/2 Statistics**											

	A	B	C	D	E	F	G	H	I	J	K	L
105	**DL/2 Normal**						**DL/2 Log-Transformed**					
106					Mean in Original Scale	7.292					Mean in Log Scale	-2.23
107					SD in Original Scale	46.71					SD in Log Scale	1.527
108					95% t UCL (Assumes normality)	19.13					95% H-Stat UCL	0.697
109	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
110												
111	**Nonparametric Distribution Free UCL Statistics**											
112	**Data do not follow a Discernible Distribution**											
113												
114	**Suggested UCL to Use**											
115					95% KM (t) UCL	19.26						
116												
117	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
118	**Please verify the data were collected from random locations.**											
119	**If the data were collected using judgmental or other non-random methods,**											
120	**then contact a statistician to correctly calculate UCLs.**											
121												
122	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
123	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
124	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											

	A	B	C
1	**ProUCL Input TPHd**		
2		TPHd mg/kg 2021&2022 data	d_TPHd mg/kg 2021&2022 data
3	SS-10-1.0	11.15	1
4	SS-10-A1-0.0	19	1
5	SS-10-B1-0.0	20	1
6	SS-10-C1-0.0	17	1
7	SS-10-D1-0.0	19	1
8	SS-24-B1-0.0	26	1
9	SS-24-C1-0.0	33	1
10	SS-25-1.0	32	1
11	SS-25-A1-0.0	34	1
12	SS-25-B1-0.0	36	1
13	SS-25-C1-0.0	33	1
14	SS-25-D1-0.0	22	1
15	SS-26-1.0	8.6	1
16	SS-26-A1-0.0	27	1
17	SS-26-B1-0.0	380	1
18	SS-26-B1-1.0	5.4	1
19	SS-26-B2-0.0	81	1
20	SS-26-C1-0.0	200	1
21	SS-26-D1-0.0	71	1
22	SS-28-1.0	5.7	1
23	SS-28-A1-0.0	12	1
24	SS-28-C1-0.0	21	1
25	SS-28-D1-0.0	30	1
26	SS-29-1.0	10	1
27	SS-29-A1-0.0	26	1
28	SS-29-B1-0.0	12.5	1
29	SS-29-C1-0.0	11	1
30	SS-29-D1-0.0	15	1
31	SS-23-1.0	4.1	1
32	SS-23-A1-0.0	100	1
33	SS-23-B1-0.0	110	1
34	SS-23-C1-0.0	59	1
35	SS-23-D1-0.0	920	1
36	SS-23-D1-1.0	13	1
37	SS-23-D2-0.0	1600	1
38	SS-24-1.0	4.9	0
39	SS-24-A1-0.0	48	1
40	SS-1	20	1
41	SS-3	2	0
42	SS-5&Dup ave.	48	1
43	SS-7	2.2	0
44	SS-10	300	0
45	SS-12	2.2	0
46	SS-13	2.2	0
47	SS-15	2.2	0
48	SS-17	2.2	0
49	SS-19	2.2	0
50	SS-23&Dup	14000	1
51	SS-24	25000	1
52	SS-25	220	0
53	SS-26	8100	1
54	SS-27	20	1
55	SS-28	1200	0
56	SS-29	1000	0

UCL Statistics for Data Sets with Non-Detects		
User Selected Options		
Date/Time of Computation	ProUCL 5.2 9/21/2022 1:20:31 PM	
From File	WorkSheet.xls	
Full Precision	OFF	
Confidence Coefficient	95%	
Number of Bootstrap Operations	2000	

TPHd mg/kg 2021&2022 data

General Statistics

Total Number of Observations	54	Number of Distinct Observations	43
Number of Detects	42	Number of Non-Detects	12
Number of Distinct Detects	36	Number of Distinct Non-Detects	7
Minimum Detect	4.1	Minimum Non-Detect	2
Maximum Detect	25000	Maximum Non-Detect	1200
Variance Detects	20187630	Percent Non-Detects	22.22%
Mean Detects	1220	SD Detects	4493
Median Detects	26.5	CV Detects	3.681
Skewness Detects	4.461	Kurtosis Detects	20.93
Mean of Logged Detects	3.879	SD of Logged Detects	2.018

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.313	**Shapiro Wilk GOF Test**
1% Shapiro Wilk Critical Value	0.922	Detected Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.455	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.157	Detected Data Not Normal at 1% Significance Level

Detected Data Not Normal at 1% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	952.7	KM Standard Error of Mean	543.7
90KM SD	3947	95% KM (BCA) UCL	2055
95% KM (t) UCL	1863	95% KM (Percentile Bootstrap) UCL	1965
95% KM (z) UCL	1847	95% KM Bootstrap t UCL	3751
90% KM Chebyshev UCL	2584	95% KM Chebyshev UCL	3322
97.5% KM Chebyshev UCL	4348	99% KM Chebyshev UCL	6362

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	8.2	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.898	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.378	**Kolmogorov-Smirnov GOF**
5% K-S Critical Value	0.151	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.224	k star (bias corrected MLE)	0.224
Theta hat (MLE)	5450	Theta star (bias corrected MLE)	5453
nu hat (MLE)	18.81	nu star (bias corrected)	18.8
Mean (detects)	1220		

Gamma ROS Statistics using Imputed Non-Detects

53	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
56	This is especially true when the sample size is small.											
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
58					Minimum	0.01				Mean	949.3	
59					Maximum	25000				Median	20	
60					SD	3985				CV	4.198	
61					k hat (MLE)	0.157				k star (bias corrected MLE)	0.161	
62					Theta hat (MLE)	6046				Theta star (bias corrected MLE)	5909	
63					nu hat (MLE)	16.96				nu star (bias corrected)	17.35	
64					Adjusted Level of Significance (β)	0.0456						
65					Approximate Chi Square Value (17.35, α)	8.922				Adjusted Chi Square Value (17.35, β)	8.756	
66					95% Gamma Approximate UCL	1846				95% Gamma Adjusted UCL	1881	
67												
68	**Estimates of Gamma Parameters using KM Estimates**											
69					Mean (KM)	952.7				SD (KM)	3947	
70					Variance (KM)	15579543				SE of Mean (KM)	543.7	
71					k hat (KM)	0.0583				k star (KM)	0.0674	
72					nu hat (KM)	6.292				nu star (KM)	7.275	
73					theta hat (KM)	16353				theta star (KM)	14142	
74					80% gamma percentile (KM)	311.5				90% gamma percentile (KM)	1993	
75					95% gamma percentile (KM)	5452				99% gamma percentile (KM)	18266	
76												
77	**Gamma Kaplan-Meier (KM) Statistics**											
78					Approximate Chi Square Value (7.28, α)	2.323				Adjusted Chi Square Value (7.28, β)	2.247	
79					95% KM Approximate Gamma UCL	2984				95% KM Adjusted Gamma UCL	3085	
80												
81	**Lognormal GOF Test on Detected Observations Only**											
82					Shapiro Wilk Test Statistic	0.774				**Shapiro Wilk GOF Test**		
83					10% Shapiro Wilk Critical Value	0.951				Detected Data Not Lognormal at 10% Significance Level		
84					Lilliefors Test Statistic	0.225				**Lilliefors GOF Test**		
85					10% Lilliefors Critical Value	0.124				Detected Data Not Lognormal at 10% Significance Level		
86	**Detected Data Not Lognormal at 10% Significance Level**											
87												
88	**Lognormal ROS Statistics Using Imputed Non-Detects**											
89					Mean in Original Scale	950.7				Mean in Log Scale	3.183	
90					SD in Original Scale	3985				SD in Log Scale	2.335	
91					95% t UCL (assumes normality of ROS data)	1858				95% Percentile Bootstrap UCL	1928	
92					95% BCA Bootstrap UCL	2264				95% Bootstrap t UCL	3659	
93					95% H-UCL (Log ROS)	1404						
94												
95	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
96					KM Mean (logged)	3.328				KM Geo Mean	27.89	
97					KM SD (logged)	2.121				95% Critical H Value (KM-Log)	3.832	
98					KM Standard Error of Mean (logged)	0.297				95% H-UCL (KM -Log)	807	
99					KM SD (logged)	2.121				95% Critical H Value (KM-Log)	3.832	
100					KM Standard Error of Mean (logged)	0.297						
101	**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**											
102												
103	**DL/2 Statistics**											
104	**DL/2 Normal**									**DL/2 Log-Transformed**		

	A	B	C	D	E	F	G	H	I	J	K	L
105					Mean in Original Scale	974.6				Mean in Log Scale		3.457
106					SD in Original Scale	3980				SD in Log Scale		2.302
107					95% t UCL (Assumes normality)	1881				95% H-Stat UCL		1652
108	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
109												
110	**Nonparametric Distribution Free UCL Statistics**											
111	**Data do not follow a Discernible Distribution**											
112												
113	**Suggested UCL to Use**											
114					95% KM (t) UCL	1863						
115												
116	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
117	**Please verify the data were collected from random locations.**											
118	**If the data were collected using judgmental or other non-random methods,**											
119	**then contact a statistician to correctly calculate UCLs.**											
120												
121	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
122	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
123	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											

	A	B	C
1	**ProUCL Input TPHm-oil**		
2		TPH m-oil mg/kg all 2021&2022	d_TPH m-oil mg/kg all 2021&2022
3	SS-10-1.0	18	1
4	SS-10-A1-0.0	29	1
5	SS-10-B1-0.0	29	1
6	SS-10-C1-0.0	23	1
7	SS-10-D1-0.0	24	1
8	SS-24-B1-0.0	65.5	1
9	SS-24-C1-0.0	74	1
10	SS-25-1.0	60	1
11	SS-25-A1-0.0	64	1
12	SS-25-B1-0.0	80	1
13	SS-25-C1-0.0	80	1
14	SS-25-D1-0.0	47	1
15	SS-26-1.0	19	1
16	SS-26-A1-0.0	38	1
17	SS-26-B1-0.0	400	1
18	SS-26-B1-1.0	25	0
19	SS-26-B2-0.0	190	1
20	SS-26-C1-0.0	190	1
21	SS-26-D1-0.0	88	1
22	SS-28-1.0	24	0
23	SS-28-A1-0.0	15	1
24	SS-28-C1-0.0	29	1
25	SS-28-D1-0.0	42	1
26	SS-29-1.0	25	0
27	SS-29-A1-0.0	32	1
28	SS-29-B1-0.0	16.5	1
29	SS-29-C1-0.0	14	1
30	SS-29-D1-0.0	23	1
31	SS-23-1.0	24	0
32	SS-23-A1-0.0	150	1
33	SS-23-B1-0.0	160	1
34	SS-23-C1-0.0	120	1
35	SS-23-D1-0.0	860	1
36	SS-23-D1-1.0	19	1
37	SS-23-D2-0.0	1500	1
38	SS-24-1.0	25	0
39	SS-24-A1-0.0	100	1
40	SS-1	140	1
41	SS-3	7	0
42	SS-5&Dup ave.	180	1
43	SS-7	26	1
44	SS-10	2800	1
45	SS-12	21	1
46	SS-13	19	1
47	SS-15	57	1
48	SS-17	20	1
49	SS-19	10	1
50	SS-23&Dup	280	1
51	SS-24	2100	0
52	SS-25	27000	1
53	SS-26	33000	1
54	SS-27	71	1
55	SS-28	74000	1
56	SS-29	25000	1

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.2 9/21/2022 1:52:54 PM
From File	WorkSheet_b.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

TPH m-oil mg/kg all 2021&2022

General Statistics

Total Number of Observations	54	Number of Distinct Observations	43
Number of Detects	47	Number of Non-Detects	7
Number of Distinct Detects	40	Number of Distinct Non-Detects	4
Minimum Detect	10	Minimum Non-Detect	7
Maximum Detect	74000	Maximum Non-Detect	2100
Variance Detects	1.595E+8	Percent Non-Detects	12.96%
Mean Detects	3558	SD Detects	12628
Median Detects	64	CV Detects	3.549
Skewness Detects	4.466	Kurtosis Detects	22.02
Mean of Logged Detects	4.674	SD of Logged Detects	2.169

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.33	**Shapiro Wilk GOF Test**
1% Shapiro Wilk Critical Value	0.928	Detected Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.458	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.15	Detected Data Not Normal at 1% Significance Level

Detected Data Not Normal at 1% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	3101	KM Standard Error of Mean	1611
90KM SD	11715	95% KM (BCA) UCL	6245
95% KM (t) UCL	5798	95% KM (Percentile Bootstrap) UCL	5986
95% KM (z) UCL	5751	95% KM Bootstrap t UCL	9336
90% KM Chebyshev UCL	7935	95% KM Chebyshev UCL	10125
97.5% KM Chebyshev UCL	13164	99% KM Chebyshev UCL	19135

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	8.955	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.907	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.382	**Kolmogorov-Smirnov GOF**
5% K-S Critical Value	0.143	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.209	k star (bias corrected MLE)	0.21
Theta hat (MLE)	17048	Theta star (bias corrected MLE)	16977
nu hat (MLE)	19.62	nu star (bias corrected)	19.7
Mean (detects)	3558		

Gamma ROS Statistics using Imputed Non-Detects

53	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
56	This is especially true when the sample size is small.											
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
58					Minimum	0.01				Mean	3097	
59					Maximum	74000				Median	44.5	
60					SD	11826				CV	3.819	
61					k hat (MLE)	0.166				k star (bias corrected MLE)	0.169	
62					Theta hat (MLE)	18674				Theta star (bias corrected MLE)	18328	
63					nu hat (MLE)	17.91				nu star (bias corrected)	18.25	
64					Adjusted Level of Significance (β)	0.0456						
65					Approximate Chi Square Value (18.25, α)	9.57				Adjusted Chi Square Value (18.25, β)	9.397	
66					95% Gamma Approximate UCL	5905				95% Gamma Adjusted UCL	6013	
67												
68	**Estimates of Gamma Parameters using KM Estimates**											
69					Mean (KM)	3101				SD (KM)	11715	
70					Variance (KM)	1.372E+8				SE of Mean (KM)	1611	
71					k hat (KM)	0.07				k star (KM)	0.0785	
72					nu hat (KM)	7.565				nu star (KM)	8.478	
73					theta hat (KM)	44264				theta star (KM)	39497	
74					80% gamma percentile (KM)	1422				90% gamma percentile (KM)	7263	
75					95% gamma percentile (KM)	18013				99% gamma percentile (KM)	55406	
76												
77	**Gamma Kaplan-Meier (KM) Statistics**											
78					Approximate Chi Square Value (8.48, α)	3.015				Adjusted Chi Square Value (8.48, β)	2.926	
79					95% KM Approximate Gamma UCL	8719				95% KM Adjusted Gamma UCL	8984	
80												
81	**Lognormal GOF Test on Detected Observations Only**											
82					Shapiro Wilk Test Statistic	0.79				**Shapiro Wilk GOF Test**		
83					10% Shapiro Wilk Critical Value	0.954				Detected Data Not Lognormal at 10% Significance Level		
84					Lilliefors Test Statistic	0.204				**Lilliefors GOF Test**		
85					10% Lilliefors Critical Value	0.118				Detected Data Not Lognormal at 10% Significance Level		
86	**Detected Data Not Lognormal at 10% Significance Level**											
87												
88	**Lognormal ROS Statistics Using Imputed Non-Detects**											
89					Mean in Original Scale	3099				Mean in Log Scale	4.337	
90					SD in Original Scale	11826				SD in Log Scale	2.259	
91					95% t UCL (assumes normality of ROS data)	5793				95% Percentile Bootstrap UCL	5884	
92					95% BCA Bootstrap UCL	7006				95% Bootstrap t UCL	9423	
93					95% H-UCL (Log ROS)	3447						
94												
95	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
96					KM Mean (logged)	4.437				KM Geo Mean	84.51	
97					KM SD (logged)	2.111				95% Critical H Value (KM-Log)	3.817	
98					KM Standard Error of Mean (logged)	0.292				95% H-UCL (KM -Log)	2374	
99					KM SD (logged)	2.111				95% Critical H Value (KM-Log)	3.817	
100					KM Standard Error of Mean (logged)	0.292						
101	**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**											
102												
103	**DL/2 Statistics**											
104	**DL/2 Normal**									**DL/2 Log-Transformed**		

	A	B	C	D	E	F	G	H	I	J	K	L
105				Mean in Original Scale		3117				Mean in Log Scale		4.453
106				SD in Original Scale		11822				SD in Log Scale		2.19
107				95% t UCL (Assumes normality)		5811				95% H-Stat UCL		3089
108	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
109												
110	**Nonparametric Distribution Free UCL Statistics**											
111	**Data do not follow a Discernible Distribution**											
112												
113	**Suggested UCL to Use**											
114				95% KM (t) UCL		5798						
115												
116	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
117	**Please verify the data were collected from random locations.**											
118	**If the data were collected using judgmental or other non-random methods,**											
119	**then contact a statistician to correctly calculate UCLs.**											
120												
121	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
122	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
123	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	ProUCL Input Pesticides page 1												
2	4,4'-DDD	d_4,4'-DDD		4,4'-DDE	d_4,4'-DDE	4,4'-DDT	d_4,4'-DDT	alpha-BHC	d_alpha-BH	Alpha-chlor	d_Alpha-chl	beta-BHC	d_beta-BHC
3	5	0	SS-30-0.0	500	1	355	1	5	0	500	1	5	0
4	5	0	SS-30-2.0	10	1	2.7	1	5	0	0.84	1	5	0
5	4.9	0	SS-31-0.0	1800	1	500	1	4.9	0	20	1	4.9	0
6	250	0	SS-31-2.0	460	1	250	0	250	0	250	0	250	0
7	250	0	SS-32-0.0	610	1	650	1	5	0	920	1	5	0
8	5	0	SS-32-2.0	5	1	1.6	1	5	0	2.4	1	5	0
9	34	1	SS-33-0.0	170	1	160	1	4.9	0	74	1	4.9	0
10	1.5	1	SS-33-2.0	8	1	2.2	1	5	0	5.7	1	5	0
11	37	1	SS-34-0.0	370	1	420	1	4.9	0	170	1	4.9	0
12	5	0	SS-34-2.0	1.2	1	5	0	5	0	5	0	5	0
13	190	1	SS-35-0.0	1600	1	3000	1	0.68	1	260	1	1.1	1
14	6.1	1	SS-35-2.0	67	1	3.1	1	5	0	6.9	1	5	0
15	5	0	SS-36-2.0	860	1	330	1	5	0	200	1	5	0
16	20	1	SS-37-0.0	7.2	1	5	0	5	0	5	0	5	0
17	5	0	SS-37-2.0	170	1	32	1	5	0	370	1	5	0
18	7.9	1	SS-38-0.0	9.3	1	5	0	5	0	5.2	1	5	0
19	4.9	0	SS-38-2.0	120	1	83	1	4.9	0	30	1	4.9	0
20	11.95	1	SS-39-0.0	1.1	1	4.9	0	5	0	4.9	0	5	0
21	2.6	1	SS-39-2.0	885	1	420	1	5	0	215	1	5	0
22	15	1	SS-40-0.0	130	1	16	1	5	0	2.5	1	5	0
23	5	0	SS-40-2.0	590	1	170	1	5	0	34	1	5	0
24				3.3	1	5	0			5	0		

	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
1	ProUCL Input Pesticides page 2												
2	chlordane	d_chlordane	delta-BHC	d_delta-BHC	dieldrin	d_dieldrin		endosulfan I	d_endosulfa	endosulfan I	d_endosulfa	endosulfate	d_endosulfa
3	1950	1	5	0	5	0	SS-30-0.0	5	0	5	0	5	0
4	5.8	1	5	0	5	0	SS-30-2.0	5	0	5	0	5	0
5	25	0	4.9	0	210	1	SS-31-0.0	4.9	0	4.9	0	4.9	0
6	1200	0	250	0	42	1	SS-31-2.0	250	0	250	0	250	0
7	3400	1	5	0	29	1	SS-32-0.0	5	0	5	0	5	0
8	12	1	5	0	0.63	1	SS-32-2.0	5	0	5	0	5	0
9	330	1	4.9	0	4.9	0	SS-33-0.0	4.9	0	4.9	0	4.9	0
10	23	1	5	0	1.9	1	SS-33-2.0	5	0	5	0	5	0
11	670	1	4.9	0	4.9	0	SS-34-0.0	4.9	0	4.9	0	4.9	0
12	25	0	5	0	5	0	SS-34-2.0	5	0	5	0	5	0
13	1250	1	1.8	1	210	1	SS-35-0.0	5	0	5	0	38	1
14	23	1	5	0	340	1	SS-35-2.0	1.1	1	5	0	5	0
15	560	1	5	0	35	1	SS-36-0.0	5	0	5	0	5	0
16	4.9	1	5	0	5	0	SS-36-2.0	5	0	5	0	5	0
17	1600	1	5	0	5	0	SS-37-0.0	5	0	5	0	5	0
18	21	1	5	0	5	0	SS-37-2.0	5	0	5	0	5	0
19	150	1	4.9	0	5	0	SS-38-0.0	4.9	0	4.9	0	4.9	0
20	4.9	0	5	0	4.9	0	SS-38-2.0	4.2	1	20	1	5	0
21	415	1	5	0	170	1	SS-39-0.0	5	0	5	0	5	0
22	12	1	5	0	35	1	SS-39-2.0	5	0	5	0	5	0
23	86	1	5	0	11	1	SS-40-0.0	5	0	5	0	5	0
24	5	0			5	0	SS-40-2.0						

	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL
1	ProUCL Input Pesticides page 3											
2	endrin	d_endrin	endrin ketor	d_endrin ke	gamma-chlc	d_gamma-c	heptachlor	d_heptachlc	heptachlor e	d_heptachlc	toxaphene	d_toxaphen
3	5	0	5	0	410	1	2.4	1	8.65	1	25	0
4	5	0	5	0	5	0	5	0	5	0	25	0
5	4.9	0	9.5	1	4.9	0	4.9	0	4.9	0	1000	1
6	250	0	250	0	250	0	250	0	250	0	1200	0
7	5	0	5	0	870	1	4.8	1	24	1	25	0
8	5	0	5	0	5	0	5	0	2.1	1	25	0
9	4.9	0	4.9	0	66	1	4.9	0	1.6	1	25	0
10	5	0	5	0	4..4	1	5	0	4.2	1	5	0
11	4.9	0	4.9	0	160	1	1	1	6.1	1	25	0
12	5	0	5	0	5	0	5	0	5	0	25	0
13	5	0	5	0	215	1	5	0	25	1	2000	1
14	0.91	1	5	0	5	0	5	0	29	1	25	0
15	5	0	5	0	170	1	5	0	18	1	25	0
16	5	0	5	0	5	0	1	1	5	0	25	0
17	5	0	5	0	350	1	5	0	6.9	1	25	0
18	5	0	5	0	5	0	5	0	7.5	1	25	0
19	4.9	0	4.9	0	32	1	4.9	0	5	0	25	0
20	5	0	5	0	4.9	0	5	0	4.9	0	940	1
21	5	0	5	0	140	1	5	0	11	1		
22	5	0	5	0	5	0	5	0	7.5	1	25	0
23	5	0	5	0	26	1	5	0	2.1	1	25	0
24					5	0			5	0	25	0

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.2 9/16/2022 4:11:31 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

4,4'-DDD

General Statistics

Total Number of Observations	21	Number of Distinct Observations	13
Number of Detects	10	Number of Non-Detects	11
Number of Distinct Detects	10	Number of Distinct Non-Detects	3
Minimum Detect	1.5	Minimum Non-Detect	4.9
Maximum Detect	190	Maximum Non-Detect	250
Variance Detects	3208	Percent Non-Detects	52.38%
Mean Detects	32.61	SD Detects	56.64
Median Detects	13.48	CV Detects	1.737
Skewness Detects	2.899	Kurtosis Detects	8.739
Mean of Logged Detects	2.58	SD of Logged Detects	1.394

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.559	**Shapiro Wilk GOF Test**
1% Shapiro Wilk Critical Value	0.781	Detected Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.369	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.304	Detected Data Not Normal at 1% Significance Level

Detected Data Not Normal at 1% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	18.13	KM Standard Error of Mean	10.13
90KM SD	41.86	95% KM (BCA) UCL	37.29
95% KM (t) UCL	35.6	95% KM (Percentile Bootstrap) UCL	36.58
95% KM (z) UCL	34.79	95% KM Bootstrap t UCL	83.25
90% KM Chebyshev UCL	48.51	95% KM Chebyshev UCL	62.27
97.5% KM Chebyshev UCL	81.37	99% KM Chebyshev UCL	118.9

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	0.501	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.763	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.204	**Kolmogorov-Smirnov GOF**
5% K-S Critical Value	0.277	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.672	k star (bias corrected MLE)	0.537
Theta hat (MLE)	48.49	Theta star (bias corrected MLE)	60.68
nu hat (MLE)	13.45	nu star (bias corrected)	10.75
Mean (detects)	32.61		

Gamma ROS Statistics using Imputed Non-Detects

53	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
54	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
55	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
56	This is especially true when the sample size is small.											
57	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
58					Minimum	0.01			Mean	16.05		
59					Maximum	190			Median	1.5		
60					SD	41.36			CV	2.577		
61					k hat (MLE)	0.203			k star (bias corrected MLE)	0.205		
62					Theta hat (MLE)	79.25			Theta star (bias corrected MLE)	78.16		
63					nu hat (MLE)	8.507			nu star (bias corrected)	8.625		
64					Adjusted Level of Significance (β)	0.0383						
65					Approximate Chi Square Value (8.63, α)	3.102			Adjusted Chi Square Value (8.63, β)	2.852		
66					95% Gamma Approximate UCL	44.63			95% Gamma Adjusted UCL	48.54		
67												
68	**Estimates of Gamma Parameters using KM Estimates**											
69					Mean (KM)	18.13			SD (KM)	41.86		
70					Variance (KM)	1752			SE of Mean (KM)	10.13		
71					k hat (KM)	0.188			k star (KM)	0.193		
72					nu hat (KM)	7.879			nu star (KM)	8.087		
73					theta hat (KM)	96.65			theta star (KM)	94.17		
74					80% gamma percentile (KM)	23.41			90% gamma percentile (KM)	54.81		
75					95% gamma percentile (KM)	94.34			99% gamma percentile (KM)	203.9		
76												
77	**Gamma Kaplan-Meier (KM) Statistics**											
78					Approximate Chi Square Value (8.09, α)	2.786			Adjusted Chi Square Value (8.09, β)	2.552		
79					95% KM Approximate Gamma UCL	52.64			95% KM Adjusted Gamma UCL	57.47		
80												
81	**Lognormal GOF Test on Detected Observations Only**											
82					Shapiro Wilk Test Statistic	0.981			**Shapiro Wilk GOF Test**			
83					10% Shapiro Wilk Critical Value	0.869			Detected Data appear Lognormal at 10% Significance Level			
84					Lilliefors Test Statistic	0.13			**Lilliefors GOF Test**			
85					10% Lilliefors Critical Value	0.241			Detected Data appear Lognormal at 10% Significance Level			
86	**Detected Data appear Lognormal at 10% Significance Level**											
87												
88	**Lognormal ROS Statistics Using Imputed Non-Detects**											
89					Mean in Original Scale	16.95			Mean in Log Scale	1.548		
90					SD in Original Scale	41			SD in Log Scale	1.531		
91					95% t UCL (assumes normality of ROS data)	32.38			95% Percentile Bootstrap UCL	33.64		
92					95% BCA Bootstrap UCL	44.01			95% Bootstrap t UCL	72.72		
93					95% H-UCL (Log ROS)	47.98						
94												
95	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
96					KM Mean (logged)	1.68			KM Geo Mean	5.368		
97					KM SD (logged)	1.363			95% Critical H Value (KM-Log)	3.094		
98					KM Standard Error of Mean (logged)	0.347			95% H-UCL (KM -Log)	34.87		
99					KM SD (logged)	1.363			95% Critical H Value (KM-Log)	3.094		
100					KM Standard Error of Mean (logged)	0.347						
101												
102	**DL/2 Statistics**											
103	**DL/2 Normal**								**DL/2 Log-Transformed**			
104					Mean in Original Scale	28.5			Mean in Log Scale	2.079		

105				SD in Original Scale	51.84					SD in Log Scale	1.539	
106				95% t UCL (Assumes normality)	48.01					95% H-Stat UCL	83.55	
107	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
108												
109	**Nonparametric Distribution Free UCL Statistics**											
110	**Detected Data appear Gamma Distributed at 5% Significance Level**											
111												
112	**Suggested UCL to Use**											
113				95% KM Adjusted Gamma UCL	57.47							
114												
115	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
116	**Please verify the data were collected from random locations.**											
117	**If the data were collected using judgmental or other non-random methods,**											
118	**then contact a statistician to correctly calculate UCLs.**											
119												
120	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
121	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
122	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
123												
124												
125	**4,4'-DDE**											
126												
127	**General Statistics**											
128				Total Number of Observations	22					Number of Distinct Observations	21	
129										Number of Missing Observations	0	
130				Minimum	1.1					Mean	380.8	
131				Maximum	1800					Median	150	
132				SD	513.9					Std. Error of Mean	109.6	
133				Coefficient of Variation	1.35					Skewness	1.709	
134												
135	**Normal GOF Test**											
136				Shapiro Wilk Test Statistic	0.755					**Shapiro Wilk GOF Test**		
137				1% Shapiro Wilk Critical Value	0.878					Data Not Normal at 1% Significance Level		
138				Lilliefors Test Statistic	0.25					**Lilliefors GOF Test**		
139				1% Lilliefors Critical Value	0.214					Data Not Normal at 1% Significance Level		
140	**Data Not Normal at 1% Significance Level**											
141												
142	**Assuming Normal Distribution**											
143	**95% Normal UCL**									**95% UCLs (Adjusted for Skewness)**		
144				95% Student's-t UCL	569.3					95% Adjusted-CLT UCL (Chen-1995)	603.6	
145										95% Modified-t UCL (Johnson-1978)	576	
146												
147	**Gamma GOF Test**											
148				A-D Test Statistic	0.528					**Anderson-Darling Gamma GOF Test**		
149				5% A-D Critical Value	0.824					Detected data appear Gamma Distributed at 5% Significance Level		
150				K-S Test Statistic	0.186					**Kolmogorov-Smirnov Gamma GOF Test**		
151				5% K-S Critical Value	0.198					Detected data appear Gamma Distributed at 5% Significance Level		
152	**Detected data appear Gamma Distributed at 5% Significance Level**											
153												
154	**Gamma Statistics**											
155				k hat (MLE)	0.407					k star (bias corrected MLE)	0.382	
156				Theta hat (MLE)	935.4					Theta star (bias corrected MLE)	997.1	

157					nu hat (MLE)	17.91				nu star (bias corrected)		16.8
158					MLE Mean (bias corrected)	380.8				MLE Sd (bias corrected)		616.2
159										Approximate Chi Square Value (0.05)		8.531
160					Adjusted Level of Significance	0.0386				Adjusted Chi Square Value		8.093
161												
162	**Assuming Gamma Distribution**											
163					95% Approximate Gamma UCL	749.9				95% Adjusted Gamma UCL		790.6
164												
165	**Lognormal GOF Test**											
166					Shapiro Wilk Test Statistic	0.905	**Shapiro Wilk Lognormal GOF Test**					
167					10% Shapiro Wilk Critical Value	0.926	Data Not Lognormal at 10% Significance Level					
168					Lilliefors Test Statistic	0.166	**Lilliefors Lognormal GOF Test**					
169					10% Lilliefors Critical Value	0.169	Data appear Lognormal at 10% Significance Level					
170	**Data appear Approximate Lognormal at 10% Significance Level**											
171												
172	**Lognormal Statistics**											
173					Minimum of Logged Data	0.0953				Mean of logged Data		4.33
174					Maximum of Logged Data	7.496				SD of logged Data		2.414
175												
176	**Assuming Lognormal Distribution**											
177					95% H-UCL	18665				90% Chebyshev (MVUE) UCL		2783
178					95% Chebyshev (MVUE) UCL	3616				97.5% Chebyshev (MVUE) UCL		4773
179					99% Chebyshev (MVUE) UCL	7046						
180												
181	**Nonparametric Distribution Free UCL Statistics**											
182	**Data appear to follow a Discernible Distribution**											
183												
184	**Nonparametric Distribution Free UCLs**											
185					95% CLT UCL	561				95% BCA Bootstrap UCL		611.2
186					95% Standard Bootstrap UCL	558.9				95% Bootstrap-t UCL		668.8
187					95% Hall's Bootstrap UCL	718.6				95% Percentile Bootstrap UCL		567.2
188					90% Chebyshev(Mean, Sd) UCL	709.5				95% Chebyshev(Mean, Sd) UCL		858.3
189					97.5% Chebyshev(Mean, Sd) UCL	1065				99% Chebyshev(Mean, Sd) UCL		1471
190												
191	**Suggested UCL to Use**											
192					95% Adjusted Gamma UCL	790.6						
193												
194	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
195	**Please verify the data were collected from random locations.**											
196	**If the data were collected using judgmental or other non-random methods,**											
197	**then contact a statistician to correctly calculate UCLs.**											
198												
199	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
200	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
201	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
202												
203	**4,4'-DDT**											
204												
205	**General Statistics**											
206					Total Number of Observations	22				Number of Distinct Observations		18
207					Number of Detects	16				Number of Non-Detects		6
208					Number of Distinct Detects	15				Number of Distinct Non-Detects		3

209					Minimum Detect	1.6					Minimum Non-Detect	4.9
210					Maximum Detect	3000					Maximum Non-Detect	250
211					Variance Detects	530826					Percent Non-Detects	27.27%
212					Mean Detects	384.1					SD Detects	728.6
213					Median Detects	165					CV Detects	1.897
214					Skewness Detects	3.459					Kurtosis Detects	12.9
215					Mean of Logged Detects	4.294					SD of Logged Detects	2.384
216												
217					**Normal GOF Test on Detects Only**							
218					Shapiro Wilk Test Statistic	0.523	**Shapiro Wilk GOF Test**					
219					1% Shapiro Wilk Critical Value	0.844	Detected Data Not Normal at 1% Significance Level					
220					Lilliefors Test Statistic	0.312	**Lilliefors GOF Test**					
221					1% Lilliefors Critical Value	0.248	Detected Data Not Normal at 1% Significance Level					
222					**Detected Data Not Normal at 1% Significance Level**							
223												
224					**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**							
225					KM Mean	281.5	KM Standard Error of Mean	137.6				
226					90KM SD	624.7	95% KM (BCA) UCL	516.5				
227					95% KM (t) UCL	518.2	95% KM (Percentile Bootstrap) UCL	515.7				
228					95% KM (z) UCL	507.7	95% KM Bootstrap t UCL	948.1				
229					90% KM Chebyshev UCL	694.2	95% KM Chebyshev UCL	881.1				
230					97.5% KM Chebyshev UCL	1141	99% KM Chebyshev UCL	1650				
231												
232					**Gamma GOF Tests on Detected Observations Only**							
233					A-D Test Statistic	0.464	**Anderson-Darling GOF Test**					
234					5% A-D Critical Value	0.818	Detected data appear Gamma Distributed at 5% Significance Level					
235					K-S Test Statistic	0.135	**Kolmogorov-Smirnov GOF**					
236					5% K-S Critical Value	0.23	Detected data appear Gamma Distributed at 5% Significance Level					
237					**Detected data appear Gamma Distributed at 5% Significance Level**							
238												
239					**Gamma Statistics on Detected Data Only**							
240					k hat (MLE)	0.398	k star (bias corrected MLE)	0.365				
241					Theta hat (MLE)	966.3	Theta star (bias corrected MLE)	1053				
242					nu hat (MLE)	12.72	nu star (bias corrected)	11.67				
243					Mean (detects)	384.1						
244												
245					**Gamma ROS Statistics using Imputed Non-Detects**							
246					GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs							
247					GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)							
248					For such situations, GROS method may yield incorrect values of UCLs and BTVs							
249					This is especially true when the sample size is small.							
250					For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates							
251					Minimum	0.01	Mean	279.3				
252					Maximum	3000	Median	24				
253					SD	640.2	CV	2.292				
254					k hat (MLE)	0.196	k star (bias corrected MLE)	0.2				
255					Theta hat (MLE)	1425	Theta star (bias corrected MLE)	1399				
256					nu hat (MLE)	8.626	nu star (bias corrected)	8.783				
257					Adjusted Level of Significance (β)	0.0386						
258					Approximate Chi Square Value (8.78, α)	3.196	Adjusted Chi Square Value (8.78, β)	2.949				
259					95% Gamma Approximate UCL	767.6	95% Gamma Adjusted UCL	832				
260												

261	**Estimates of Gamma Parameters using KM Estimates**											
262					Mean (KM)	281.5				SD (KM)	624.7	
263					Variance (KM)	390210				SE of Mean (KM)	137.6	
264					k hat (KM)	0.203				k star (KM)	0.206	
265					nu hat (KM)	8.933				nu star (KM)	9.048	
266					theta hat (KM)	1386				theta star (KM)	1369	
267					80% gamma percentile (KM)	376.2				90% gamma percentile (KM)	851.3	
268					95% gamma percentile (KM)	1440				99% gamma percentile (KM)	3052	
269												
270	**Gamma Kaplan-Meier (KM) Statistics**											
271					Approximate Chi Square Value (9.05, α)	3.356				Adjusted Chi Square Value (9.05, β)	3.101	
272					95% KM Approximate Gamma UCL	758.8				95% KM Adjusted Gamma UCL	821.1	
273												
274	**Lognormal GOF Test on Detected Observations Only**											
275					Shapiro Wilk Test Statistic	0.898				**Shapiro Wilk GOF Test**		
276					10% Shapiro Wilk Critical Value	0.906				Detected Data Not Lognormal at 10% Significance Level		
277					Lilliefors Test Statistic	0.191				**Lilliefors GOF Test**		
278					10% Lilliefors Critical Value	0.196				Detected Data appear Lognormal at 10% Significance Level		
279	**Detected Data appear Approximate Lognormal at 10% Significance Level**											
280												
281	**Lognormal ROS Statistics Using Imputed Non-Detects**											
282					Mean in Original Scale	281				Mean in Log Scale	3.521	
283					SD in Original Scale	639.4				SD in Log Scale	2.44	
284					95% t UCL (assumes normality of ROS data)	515.5				95% Percentile Bootstrap UCL	524.8	
285					95% BCA Bootstrap UCL	675.4				95% Bootstrap t UCL	932.1	
286					95% H-UCL (Log ROS)	9337						
287												
288	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
289					KM Mean (logged)	3.407				KM Geo Mean	30.19	
290					KM SD (logged)	2.484				95% Critical H Value (KM-Log)	5.041	
291					KM Standard Error of Mean (logged)	0.555				95% H-UCL (KM -Log)	10131	
292					KM SD (logged)	2.484				95% Critical H Value (KM-Log)	5.041	
293					KM Standard Error of Mean (logged)	0.555						
294												
295	**DL/2 Statistics**											
296					**DL/2 Normal**					**DL/2 Log-Transformed**		
297					Mean in Original Scale	285.6				Mean in Log Scale	3.55	
298					SD in Original Scale	637.9				SD in Log Scale	2.493	
299					95% t UCL (Assumes normality)	519.6				95% H-Stat UCL	12190	
300	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
301												
302	**Nonparametric Distribution Free UCL Statistics**											
303	**Detected Data appear Gamma Distributed at 5% Significance Level**											
304												
305	**Suggested UCL to Use**											
306					95% KM Adjusted Gamma UCL	821.1						
307												
308	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
309	**Please verify the data were collected from random locations.**											
310	**If the data were collected using judgmental or other non-random methods,**											
311	**then contact a statistician to correctly calculate UCLs.**											
312												

	A	B	C	D	E	F	G	H	I	J	K	L
313	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
314	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
315	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
316												
317	**alpha-BHC**											
318												
319	**General Statistics**											
320	Total Number of Observations					21	Number of Distinct Observations					4
321	Number of Detects					1	Number of Non-Detects					20
322	Number of Distinct Detects					1	Number of Distinct Non-Detects					3
323												
324	**Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**											
325	**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).**											
326												
327	**The data set for variable alpha-BHC was not processed!**											
328												
329												
330	**Alpha-chlordane**											
331												
332	**General Statistics**											
333	Total Number of Observations					22	Number of Distinct Observations					20
334	Number of Detects					17	Number of Non-Detects					5
335	Number of Distinct Detects					17	Number of Distinct Non-Detects					3
336	Minimum Detect					0.84	Minimum Non-Detect					4.9
337	Maximum Detect					920	Maximum Non-Detect					250
338	Variance Detects					59840	Percent Non-Detects					22.73%
339	Mean Detects					165.7	SD Detects					244.6
340	Median Detects					34	CV Detects					1.476
341	Skewness Detects					2.139	Kurtosis Detects					5.076
342	Mean of Logged Detects					3.617	SD of Logged Detects					2.16
343												
344	**Normal GOF Test on Detects Only**											
345	Shapiro Wilk Test Statistic					0.718	**Shapiro Wilk GOF Test**					
346	1% Shapiro Wilk Critical Value					0.851	Detected Data Not Normal at 1% Significance Level					
347	Lilliefors Test Statistic					0.25	**Lilliefors GOF Test**					
348	1% Lilliefors Critical Value					0.241	Detected Data Not Normal at 1% Significance Level					
349	**Detected Data Not Normal at 1% Significance Level**											
350												
351	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
352	KM Mean					130.4	KM Standard Error of Mean					48.3
353	90KM SD					219.2	95% KM (BCA) UCL					228
354	95% KM (t) UCL					213.5	95% KM (Percentile Bootstrap) UCL					220.2
355	95% KM (z) UCL					209.9	95% KM Bootstrap t UCL					280.7
356	90% KM Chebyshev UCL					275.3	95% KM Chebyshev UCL					341
357	97.5% KM Chebyshev UCL					432	99% KM Chebyshev UCL					611
358												
359	**Gamma GOF Tests on Detected Observations Only**											
360	A-D Test Statistic					0.412	**Anderson-Darling GOF Test**					
361	5% A-D Critical Value					0.812	Detected data appear Gamma Distributed at 5% Significance Level					
362	K-S Test Statistic					0.157	**Kolmogorov-Smirnov GOF**					
363	5% K-S Critical Value					0.223	Detected data appear Gamma Distributed at 5% Significance Level					
364	**Detected data appear Gamma Distributed at 5% Significance Level**											

365											
366	**Gamma Statistics on Detected Data Only**										
367					k hat (MLE)	0.435		k star (bias corrected MLE)			0.397
368					Theta hat (MLE)	381.1		Theta star (bias corrected MLE)			417
369					nu hat (MLE)	14.78		nu star (bias corrected)			13.51
370					Mean (detects)	165.7					
371											
372	**Gamma ROS Statistics using Imputed Non-Detects**										
373	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs										
374	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)										
375	For such situations, GROS method may yield incorrect values of UCLs and BTVs										
376	This is especially true when the sample size is small.										
377	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates										
378					Minimum	0.01		Mean			128
379					Maximum	920		Median			13.45
380					SD	225		CV			1.758
381					k hat (MLE)	0.232		k star (bias corrected MLE)			0.23
382					Theta hat (MLE)	552.7		Theta star (bias corrected MLE)			555.8
383					nu hat (MLE)	10.19		nu star (bias corrected)			10.14
384					Adjusted Level of Significance (β)	0.0386					
385					Approximate Chi Square Value (10.14, α)	4.027		Adjusted Chi Square Value (10.14, β)			3.743
386					95% Gamma Approximate UCL	322.3		95% Gamma Adjusted UCL			346.7
387											
388	**Estimates of Gamma Parameters using KM Estimates**										
389					Mean (KM)	130.4		SD (KM)			219.2
390					Variance (KM)	48046		SE of Mean (KM)			48.3
391					k hat (KM)	0.354		k star (KM)			0.336
392					nu hat (KM)	15.58		nu star (KM)			14.79
393					theta hat (KM)	368.3		theta star (KM)			388
394					80% gamma percentile (KM)	205		90% gamma percentile (KM)			379
395					95% gamma percentile (KM)	574.9		99% gamma percentile (KM)			1077
396											
397	**Gamma Kaplan-Meier (KM) Statistics**										
398					Approximate Chi Square Value (14.79, α)	7.116		Adjusted Chi Square Value (14.79, β)			6.721
399					95% KM Approximate Gamma UCL	271.1		95% KM Adjusted Gamma UCL			287.1
400											
401	**Lognormal GOF Test on Detected Observations Only**										
402					Shapiro Wilk Test Statistic	0.942		**Shapiro Wilk GOF Test**			
403					10% Shapiro Wilk Critical Value	0.91		Detected Data appear Lognormal at 10% Significance Level			
404					Lilliefors Test Statistic	0.171		**Lilliefors GOF Test**			
405					10% Lilliefors Critical Value	0.19		Detected Data appear Lognormal at 10% Significance Level			
406	**Detected Data appear Lognormal at 10% Significance Level**										
407											
408	**Lognormal ROS Statistics Using Imputed Non-Detects**										
409					Mean in Original Scale	128.9		Mean in Log Scale			2.994
410					SD in Original Scale	224.5		SD in Log Scale			2.268
411					95% t UCL (assumes normality of ROS data)	211.3		95% Percentile Bootstrap UCL			211.7
412					95% BCA Bootstrap UCL	235.8		95% Bootstrap t UCL			279.6
413					95% H-UCL (Log ROS)	2614					
414											
415	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**										
416					KM Mean (logged)	2.997		KM Geo Mean			20.03

417				KM SD (logged)	2.238				95% Critical H Value (KM-Log)			4.603
418				KM Standard Error of Mean (logged)	0.506				95% H-UCL (KM -Log)			2324
419				KM SD (logged)	2.238				95% Critical H Value (KM-Log)			4.603
420				KM Standard Error of Mean (logged)	0.506							
421												
422					DL/2 Statistics							
423				DL/2 Normal					DL/2 Log-Transformed			
424				Mean in Original Scale	134.2				Mean in Log Scale			3.18
425				SD in Original Scale	222.9				SD in Log Scale			2.195
426				95% t UCL (Assumes normality)	215.9				95% H-Stat UCL			2337
427				DL/2 is not a recommended method, provided for comparisons and historical reasons								
428												
429					Nonparametric Distribution Free UCL Statistics							
430					Detected Data appear Gamma Distributed at 5% Significance Level							
431												
432					Suggested UCL to Use							
433				95% KM Adjusted Gamma UCL	287.1							
434												
435					The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.							
436					Please verify the data were collected from random locations.							
437					If the data were collected using judgmental or other non-random methods,							
438					then contact a statistician to correctly calculate UCLs.							
439												
440					Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.							
441					Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.							
442					However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.							
443												
444	beta-BHC											
445												
446					General Statistics							
447				Total Number of Observations	21				Number of Distinct Observations			4
448				Number of Detects	1				Number of Non-Detects			20
449				Number of Distinct Detects	1				Number of Distinct Non-Detects			3
450												
451					Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!							
452					It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).							
453												
454					The data set for variable beta-BHC was not processed!							
455												
456												
457	chlordane											
458												
459					General Statistics							
460				Total Number of Observations	22				Number of Distinct Observations			18
461				Number of Detects	17				Number of Non-Detects			5
462				Number of Distinct Detects	15				Number of Distinct Non-Detects			4
463				Minimum Detect	4.9				Minimum Non-Detect			4.9
464				Maximum Detect	3400				Maximum Non-Detect			1200
465				Variance Detects	878711				Percent Non-Detects			22.73%
466				Mean Detects	618.4				SD Detects			937.4
467				Median Detects	150				CV Detects			1.516
468				Skewness Detects	2				Kurtosis Detects			4.029

469				Mean of Logged Detects	4.822					SD of Logged Detects	2.204	
470												
471				**Normal GOF Test on Detects Only**								
472				Shapiro Wilk Test Statistic	0.714	**Shapiro Wilk GOF Test**						
473				1% Shapiro Wilk Critical Value	0.851	Detected Data Not Normal at 1% Significance Level						
474				Lilliefors Test Statistic	0.256	**Lilliefors GOF Test**						
475				1% Lilliefors Critical Value	0.241	Detected Data Not Normal at 1% Significance Level						
476				**Detected Data Not Normal at 1% Significance Level**								
477												
478				**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**								
479				KM Mean	485.7	KM Standard Error of Mean	184.4					
480				90KM SD	837.6	95% KM (BCA) UCL	845.9					
481				95% KM (t) UCL	802.9	95% KM (Percentile Bootstrap) UCL	835.5					
482				95% KM (z) UCL	788.9	95% KM Bootstrap t UCL	1035					
483				90% KM Chebyshev UCL	1039	95% KM Chebyshev UCL	1289					
484				97.5% KM Chebyshev UCL	1637	99% KM Chebyshev UCL	2320					
485												
486				**Gamma GOF Tests on Detected Observations Only**								
487				A-D Test Statistic	0.535	**Anderson-Darling GOF Test**						
488				5% A-D Critical Value	0.818	Detected data appear Gamma Distributed at 5% Significance Level						
489				K-S Test Statistic	0.209	**Kolmogorov-Smirnov GOF**						
490				5% K-S Critical Value	0.224	Detected data appear Gamma Distributed at 5% Significance Level						
491				**Detected data appear Gamma Distributed at 5% Significance Level**								
492												
493				**Gamma Statistics on Detected Data Only**								
494				k hat (MLE)	0.409	k star (bias corrected MLE)	0.376					
495				Theta hat (MLE)	1513	Theta star (bias corrected MLE)	1646					
496				nu hat (MLE)	13.89	nu star (bias corrected)	12.77					
497				Mean (detects)	618.4							
498												
499				**Gamma ROS Statistics using Imputed Non-Detects**								
500				GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs								
501				GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)								
502				For such situations, GROS method may yield incorrect values of UCLs and BTVs								
503				This is especially true when the sample size is small.								
504				For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates								
505				Minimum	0.01	Mean	477.9					
506				Maximum	3400	Median	23					
507				SD	860.1	CV	1.8					
508				k hat (MLE)	0.209	k star (bias corrected MLE)	0.211					
509				Theta hat (MLE)	2282	Theta star (bias corrected MLE)	2263					
510				nu hat (MLE)	9.212	nu star (bias corrected)	9.289					
511				Adjusted Level of Significance (β)	0.0386							
512				Approximate Chi Square Value (9.29, α)	3.503	Adjusted Chi Square Value (9.29, β)	3.241					
513				95% Gamma Approximate UCL	1267	95% Gamma Adjusted UCL	1369					
514												
515				**Estimates of Gamma Parameters using KM Estimates**								
516				Mean (KM)	485.7	SD (KM)	837.6					
517				Variance (KM)	701558	SE of Mean (KM)	184.4					
518				k hat (KM)	0.336	k star (KM)	0.321					
519				nu hat (KM)	14.8	nu star (KM)	14.11					
520				theta hat (KM)	1444	theta star (KM)	1514					

521				80% gamma percentile (KM)		756.3			90% gamma percentile (KM)			1420
522				95% gamma percentile (KM)		2174			99% gamma percentile (KM)			4118
523												
524	**Gamma Kaplan-Meier (KM) Statistics**											
525				Approximate Chi Square Value (14.11, α)		6.647			Adjusted Chi Square Value (14.11, β)			6.267
526				95% KM Approximate Gamma UCL		1031			95% KM Adjusted Gamma UCL			1094
527												
528	**Lognormal GOF Test on Detected Observations Only**											
529				Shapiro Wilk Test Statistic		0.921	**Shapiro Wilk GOF Test**					
530				10% Shapiro Wilk Critical Value		0.91	Detected Data appear Lognormal at 10% Significance Level					
531				Lilliefors Test Statistic		0.19	**Lilliefors GOF Test**					
532				10% Lilliefors Critical Value		0.19	Detected Data appear Lognormal at 10% Significance Level					
533	**Detected Data appear Lognormal at 10% Significance Level**											
534												
535	**Lognormal ROS Statistics Using Imputed Non-Detects**											
536				Mean in Original Scale		480.6			Mean in Log Scale			4.097
537				SD in Original Scale		858.6			SD in Log Scale			2.469
538				95% t UCL (assumes normality of ROS data)		795.6			95% Percentile Bootstrap UCL			796.7
539				95% BCA Bootstrap UCL		865.7			95% Bootstrap t UCL			1059
540				95% H-UCL (Log ROS)		18923						
541												
542	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
543				KM Mean (logged)		4.24			KM Geo Mean			69.42
544				KM SD (logged)		2.23			95% Critical H Value (KM-Log)			4.588
545				KM Standard Error of Mean (logged)		0.5			95% H-UCL (KM -Log)			7778
546				KM SD (logged)		2.23			95% Critical H Value (KM-Log)			4.588
547				KM Standard Error of Mean (logged)		0.5						
548												
549	**DL/2 Statistics**											
550				**DL/2 Normal**					**DL/2 Log-Transformed**			
551				Mean in Original Scale		506.5			Mean in Log Scale			4.329
552				SD in Original Scale		852.9			SD in Log Scale			2.351
553				95% t UCL (Assumes normality)		819.4			95% H-Stat UCL			14120
554	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
555												
556	**Nonparametric Distribution Free UCL Statistics**											
557	**Detected Data appear Gamma Distributed at 5% Significance Level**											
558												
559	**Suggested UCL to Use**											
560				95% KM Adjusted Gamma UCL		1094						
561												
562	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
563	**Please verify the data were collected from random locations.**											
564	**If the data were collected using judgmental or other non-random methods,**											
565	**then contact a statistician to correctly calculate UCLs.**											
566												
567	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
568	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
569	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
570												
571	**delta-BHC**											
572												

573	**General Statistics**											
574					Total Number of Observations	21			Number of Distinct Observations	4		
575					Number of Detects	1			Number of Non-Detects	20		
576					Number of Distinct Detects	1			Number of Distinct Non-Detects	3		
577												
578	**Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**											
579	**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).**											
580												
581	**The data set for variable delta-BHC was not processed!**											
582												
583												
584	**dieldrin**											
585												
586	**General Statistics**											
587					Total Number of Observations	22			Number of Distinct Observations	11		
588					Number of Detects	11			Number of Non-Detects	11		
589					Number of Distinct Detects	9			Number of Distinct Non-Detects	2		
590					Minimum Detect	0.63			Minimum Non-Detect	4.9		
591					Maximum Detect	340			Maximum Non-Detect	5		
592					Variance Detects	13095			Percent Non-Detects	50%		
593					Mean Detects	98.59			SD Detects	114.4		
594					Median Detects	35			CV Detects	1.161		
595					Skewness Detects	1.113			Kurtosis Detects	0.147		
596					Mean of Logged Detects	3.496			SD of Logged Detects	2.002		
597												
598	**Normal GOF Test on Detects Only**											
599					Shapiro Wilk Test Statistic	0.805			**Shapiro Wilk GOF Test**			
600					1% Shapiro Wilk Critical Value	0.792			Detected Data appear Normal at 1% Significance Level			
601					Lilliefors Test Statistic	0.326			**Lilliefors GOF Test**			
602					1% Lilliefors Critical Value	0.291			Detected Data Not Normal at 1% Significance Level			
603	**Detected Data appear Approximate Normal at 1% Significance Level**											
604												
605	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
606					KM Mean	49.93			KM Standard Error of Mean	20.4		
607					90KM SD	91.22			95% KM (BCA) UCL	82.91		
608					95% KM (t) UCL	85.03			95% KM (Percentile Bootstrap) UCL	82.85		
609					95% KM (z) UCL	83.48			95% KM Bootstrap t UCL	115.4		
610					90% KM Chebyshev UCL	111.1			95% KM Chebyshev UCL	138.8		
611					97.5% KM Chebyshev UCL	177.3			99% KM Chebyshev UCL	252.9		
612												
613	**Gamma GOF Tests on Detected Observations Only**											
614					A-D Test Statistic	0.362			**Anderson-Darling GOF Test**			
615					5% A-D Critical Value	0.776			Detected data appear Gamma Distributed at 5% Significance Level			
616					K-S Test Statistic	0.176			**Kolmogorov-Smirnov GOF**			
617					5% K-S Critical Value	0.268			Detected data appear Gamma Distributed at 5% Significance Level			
618	**Detected data appear Gamma Distributed at 5% Significance Level**											
619												
620	**Gamma Statistics on Detected Data Only**											
621					k hat (MLE)	0.569			k star (bias corrected MLE)	0.474		
622					Theta hat (MLE)	173.4			Theta star (bias corrected MLE)	207.9		
623					nu hat (MLE)	12.51			nu star (bias corrected)	10.43		
624					Mean (detects)	98.59						

	A	B	C	D	E	F	G	H	I	J	K	L
625												
626	**Gamma ROS Statistics using Imputed Non-Detects**											
627	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
628	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
629	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
630	This is especially true when the sample size is small.											
631	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
632					Minimum	0.01				Mean	49.32	
633					Maximum	340				Median	0.51	
634					SD	93.7				CV	1.9	
635					k hat (MLE)	0.175				k star (bias corrected MLE)	0.182	
636					Theta hat (MLE)	281.5				Theta star (bias corrected MLE)	271.5	
637					nu hat (MLE)	7.709				nu star (bias corrected)	7.992	
638					Adjusted Level of Significance (β)	0.0386						
639					Approximate Chi Square Value (7.99, α)	2.73				Adjusted Chi Square Value (7.99, β)	2.505	
640					95% Gamma Approximate UCL	144.4				95% Gamma Adjusted UCL	157.3	
641												
642	**Estimates of Gamma Parameters using KM Estimates**											
643					Mean (KM)	49.93				SD (KM)	91.22	
644					Variance (KM)	8321				SE of Mean (KM)	20.4	
645					k hat (KM)	0.3				k star (KM)	0.289	
646					nu hat (KM)	13.18				nu star (KM)	12.72	
647					theta hat (KM)	166.7				theta star (KM)	172.7	
648					80% gamma percentile (KM)	75.84				90% gamma percentile (KM)	147.9	
649					95% gamma percentile (KM)	231.1				99% gamma percentile (KM)	448.5	
650												
651	**Gamma Kaplan-Meier (KM) Statistics**											
652					Approximate Chi Square Value (12.72, α)	5.704				Adjusted Chi Square Value (12.72, β)	5.356	
653					95% KM Approximate Gamma UCL	111.3				95% KM Adjusted Gamma UCL	118.6	
654												
655	**Lognormal GOF Test on Detected Observations Only**											
656					Shapiro Wilk Test Statistic	0.903				**Shapiro Wilk GOF Test**		
657					10% Shapiro Wilk Critical Value	0.876				Detected Data appear Lognormal at 10% Significance Level		
658					Lilliefors Test Statistic	0.202				**Lilliefors GOF Test**		
659					10% Lilliefors Critical Value	0.231				Detected Data appear Lognormal at 10% Significance Level		
660	**Detected Data appear Lognormal at 10% Significance Level**											
661												
662	**Lognormal ROS Statistics Using Imputed Non-Detects**											
663					Mean in Original Scale	50.41				Mean in Log Scale	1.845	
664					SD in Original Scale	93.11				SD in Log Scale	2.362	
665					95% t UCL (assumes normality of ROS data)	84.57				95% Percentile Bootstrap UCL	83.63	
666					95% BCA Bootstrap UCL	91.19				95% Bootstrap t UCL	114.3	
667					95% H-UCL (Log ROS)	1234						
668												
669	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
670					KM Mean (logged)	1.793				KM Geo Mean	6.006	
671					KM SD (logged)	2.208				95% Critical H Value (KM-Log)	4.549	
672					KM Standard Error of Mean (logged)	0.541				95% H-UCL (KM -Log)	614.8	
673					KM SD (logged)	2.208				95% Critical H Value (KM-Log)	4.549	
674					KM Standard Error of Mean (logged)	0.541						
675												
676	**DL/2 Statistics**											

677	**DL/2 Normal**						**DL/2 Log-Transformed**					
678				Mean in Original Scale	50.54					Mean in Log Scale	2.203	
679				SD in Original Scale	93.03					SD in Log Scale	1.913	
680				95% t UCL (Assumes normality)	84.67					95% H-Stat UCL	303.9	
681	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
682												
683	**Nonparametric Distribution Free UCL Statistics**											
684	**Detected Data appear Approximate Normal Distributed at 1% Significance Level**											
685												
686	**Suggested UCL to Use**											
687				95% KM (t) UCL	85.03							
688												
689	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
690	**Please verify the data were collected from random locations.**											
691	**If the data were collected using judgmental or other non-random methods,**											
692	**then contact a statistician to correctly calculate UCLs.**											
693												
694	When a data set follows an approximate distribution passing only one of the GOF tests,											
695	it is suggested to use a UCL based upon a distribution passing both GOF tests in ProUCL											
696												
697	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
698	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
699	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
700												
701	**endosulfan I**											
702												
703	**General Statistics**											
704				Total Number of Observations	21					Number of Distinct Observations	5	
705				Number of Detects	2					Number of Non-Detects	19	
706				Number of Distinct Detects	2					Number of Distinct Non-Detects	3	
707				Minimum Detect	1.1					Minimum Non-Detect	4.9	
708				Maximum Detect	4.2					Maximum Non-Detect	250	
709				Variance Detects	4.805					Percent Non-Detects	90.48%	
710				Mean Detects	2.65					SD Detects	2.192	
711				Median Detects	2.65					CV Detects	0.827	
712				Skewness Detects	N/A					Kurtosis Detects	N/A	
713				Mean of Logged Detects	0.765					SD of Logged Detects	0.947	
714												
715	**Warning: Data set has only 2 Detected Values.**											
716	**This is not enough to compute meaningful or reliable statistics and estimates.**											
717												
718												
719	**Normal GOF Test on Detects Only**											
720	**Not Enough Data to Perform GOF Test**											
721												
722	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
723				KM Mean	2.65					KM Standard Error of Mean	1.55	
724				90KM SD	1.55					95% KM (BCA) UCL	N/A	
725				95% KM (t) UCL	5.323					95% KM (Percentile Bootstrap) UCL	N/A	
726				95% KM (z) UCL	5.2					95% KM Bootstrap t UCL	N/A	
727				90% KM Chebyshev UCL	7.3					95% KM Chebyshev UCL	9.406	
728				97.5% KM Chebyshev UCL	12.33					99% KM Chebyshev UCL	18.07	

729											
730	**Gamma GOF Tests on Detected Observations Only**										
731	**Not Enough Data to Perform GOF Test**										
732											
733	**Gamma Statistics on Detected Data Only**										
734						k hat (MLE)	2.542	k star (bias corrected MLE)			N/A
735						Theta hat (MLE)	1.042	Theta star (bias corrected MLE)			N/A
736						nu hat (MLE)	10.17	nu star (bias corrected)			N/A
737						Mean (detects)	2.65				
738											
739	**Estimates of Gamma Parameters using KM Estimates**										
740						Mean (KM)	2.65	SD (KM)			1.55
741						Variance (KM)	2.403	SE of Mean (KM)			1.55
742						k hat (KM)	2.923	k star (KM)			2.537
743						nu hat (KM)	122.8	nu star (KM)			106.6
744						theta hat (KM)	0.907	theta star (KM)			1.044
745						80% gamma percentile (KM)	3.856	90% gamma percentile (KM)			4.879
746						95% gamma percentile (KM)	5.841	99% gamma percentile (KM)			7.947
747											
748	**Gamma Kaplan-Meier (KM) Statistics**										
749								Adjusted Level of Significance (β)			0.0383
750						Approximate Chi Square Value (106.56, α)	83.74	Adjusted Chi Square Value (106.56, β)			82.18
751						95% KM Approximate Gamma UCL	3.372	95% KM Adjusted Gamma UCL			3.436
752											
753	**Lognormal GOF Test on Detected Observations Only**										
754	**Not Enough Data to Perform GOF Test**										
755											
756	**Lognormal ROS Statistics Using Imputed Non-Detects**										
757						Mean in Original Scale	4.038	Mean in Log Scale			0.765
758						SD in Original Scale	5.163	SD in Log Scale			1.184
759						95% t UCL (assumes normality of ROS data)	5.981	95% Percentile Bootstrap UCL			6.044
760						95% BCA Bootstrap UCL	6.547	95% Bootstrap t UCL			7.613
761						95% H-UCL (Log ROS)	9.156				
762											
763	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**										
764						KM Mean (logged)	0.765	KM Geo Mean			2.149
765						KM SD (logged)	0.67	95% Critical H Value (KM-Log)			2.158
766						KM Standard Error of Mean (logged)	0.67	95% H-UCL (KM -Log)			3.717
767						KM SD (logged)	0.67	95% Critical H Value (KM-Log)			2.158
768						KM Standard Error of Mean (logged)	0.67				
769	**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**										
770											
771	**DL/2 Statistics**										
772	**DL/2 Normal**							**DL/2 Log-Transformed**			
773						Mean in Original Scale	8.338	Mean in Log Scale			1.084
774						SD in Original Scale	26.74	SD in Log Scale			0.885
775						95% t UCL (Assumes normality)	18.4	95% H-Stat UCL			7.05
776	**DL/2 is not a recommended method, provided for comparisons and historical reasons**										
777											
778	**Nonparametric Distribution Free UCL Statistics**										
779	**Data do not follow a Discernible Distribution**										
780											

781	**Suggested UCL to Use**											
782					95% KM (t) UCL	5.323						
783	**Warning: Recommended UCL exceeds the maximum observation**											
784												
785	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
786	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
787	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
788												
789	**endosulfan II**											
790												
791	**General Statistics**											
792					Total Number of Observations	21			Number of Distinct Observations	4		
793					Number of Detects	1			Number of Non-Detects	20		
794					Number of Distinct Detects	1			Number of Distinct Non-Detects	3		
795												
796	**Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**											
797	**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).**											
798												
799	**The data set for variable endosulfan II was not processed!**											
800												
801												
802	**endosulfate**											
803												
804	**General Statistics**											
805					Total Number of Observations	21			Number of Distinct Observations	4		
806					Number of Detects	1			Number of Non-Detects	20		
807					Number of Distinct Detects	1			Number of Distinct Non-Detects	3		
808												
809	**Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**											
810	**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).**											
811												
812	**The data set for variable endosulfate was not processed!**											
813												
814												
815	**endrin**											
816												
817	**General Statistics**											
818					Total Number of Observations	21			Number of Distinct Observations	4		
819					Number of Detects	1			Number of Non-Detects	20		
820					Number of Distinct Detects	1			Number of Distinct Non-Detects	3		
821												
822	**Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**											
823	**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).**											
824												
825	**The data set for variable endrin was not processed!**											
826												
827												
828	**endrin ketone**											
829												
830	**General Statistics**											
831					Total Number of Observations	21			Number of Distinct Observations	4		
832					Number of Detects	1			Number of Non-Detects	20		

833				Number of Distinct Detects	1				Number of Distinct Non-Detects	3		
834												
835	**Warning: Only one distinct data value was detected! ProUCL (or any other software) should not be used on such a data set!**											
836	**It is suggested to use alternative site specific values determined by the Project Team to estimate environmental parameters (e.g., EPC, BTV).**											
837												
838	**The data set for variable endrin ketone was not processed!**											
839												
840												
841	**gamma-chlordane**											
842												
843	**General Statistics**											
844				Total Number of Observations	21				Number of Distinct Observations	13		
845									Number of Missing Observations	1		
846				Number of Detects	10				Number of Non-Detects	11		
847				Number of Distinct Detects	10				Number of Distinct Non-Detects	3		
848				Minimum Detect	26				Minimum Non-Detect	4.9		
849				Maximum Detect	870				Maximum Non-Detect	250		
850				Variance Detects	64334				Percent Non-Detects	52.38%		
851				Mean Detects	243.9				SD Detects	253.6		
852				Median Detects	165				CV Detects	1.04		
853				Skewness Detects	1.903				Kurtosis Detects	4.099		
854				Mean of Logged Detects	5.008				SD of Logged Detects	1.111		
855												
856	**Normal GOF Test on Detects Only**											
857				Shapiro Wilk Test Statistic	0.797				**Shapiro Wilk GOF Test**			
858				1% Shapiro Wilk Critical Value	0.781				Detected Data appear Normal at 1% Significance Level			
859				Lilliefors Test Statistic	0.245				**Lilliefors GOF Test**			
860				1% Lilliefors Critical Value	0.304				Detected Data appear Normal at 1% Significance Level			
861	**Detected Data appear Normal at 1% Significance Level**											
862												
863	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
864				KM Mean	120.9				KM Standard Error of Mean	47.08		
865				90KM SD	204.1				95% KM (BCA) UCL	214.8		
866				95% KM (t) UCL	202.1				95% KM (Percentile Bootstrap) UCL	205.8		
867				95% KM (z) UCL	198.3				95% KM Bootstrap t UCL	266.6		
868				90% KM Chebyshev UCL	262.1				95% KM Chebyshev UCL	326.1		
869				97.5% KM Chebyshev UCL	414.9				99% KM Chebyshev UCL	589.4		
870												
871	**Gamma GOF Tests on Detected Observations Only**											
872				A-D Test Statistic	0.223				**Anderson-Darling GOF Test**			
873				5% A-D Critical Value	0.745				Detected data appear Gamma Distributed at 5% Significance Level			
874				K-S Test Statistic	0.128				**Kolmogorov-Smirnov GOF**			
875				5% K-S Critical Value	0.273				Detected data appear Gamma Distributed at 5% Significance Level			
876	**Detected data appear Gamma Distributed at 5% Significance Level**											
877												
878	**Gamma Statistics on Detected Data Only**											
879				k hat (MLE)	1.161				k star (bias corrected MLE)	0.879		
880				Theta hat (MLE)	210				Theta star (bias corrected MLE)	277.3		
881				nu hat (MLE)	23.22				nu star (bias corrected)	17.59		
882				Mean (detects)	243.9							
883												
884	**Gamma ROS Statistics using Imputed Non-Detects**											

	A	B	C	D	E	F	G	H	I	J	K	L
885	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
886	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
887	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
888	This is especially true when the sample size is small.											
889	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
890					Minimum	0.01				Mean	116.1	
891					Maximum	870				Median	0.01	
892					SD	211				CV	1.817	
893					k hat (MLE)	0.159				k star (bias corrected MLE)	0.168	
894					Theta hat (MLE)	729.1				Theta star (bias corrected MLE)	690.2	
895					nu hat (MLE)	6.691				nu star (bias corrected)	7.068	
896					Adjusted Level of Significance (β)	0.0383						
897					Approximate Chi Square Value (7.07, α)	2.208				Adjusted Chi Square Value (7.07, β)	2.005	
898					95% Gamma Approximate UCL	371.8				95% Gamma Adjusted UCL	409.4	
899												
900	**Estimates of Gamma Parameters using KM Estimates**											
901					Mean (KM)	120.9				SD (KM)	204.1	
902					Variance (KM)	41653				SE of Mean (KM)	47.08	
903					k hat (KM)	0.351				k star (KM)	0.332	
904					nu hat (KM)	14.73				nu star (KM)	13.96	
905					theta hat (KM)	344.6				theta star (KM)	363.6	
906					80% gamma percentile (KM)	189.6				90% gamma percentile (KM)	351.7	
907					95% gamma percentile (KM)	534.7				99% gamma percentile (KM)	1005	
908												
909	**Gamma Kaplan-Meier (KM) Statistics**											
910					Approximate Chi Square Value (13.96, α)	6.545				Adjusted Chi Square Value (13.96, β)	6.158	
911					95% KM Approximate Gamma UCL	257.9				95% KM Adjusted Gamma UCL	274.1	
912												
913	**Lognormal GOF Test on Detected Observations Only**											
914					Shapiro Wilk Test Statistic	0.961				**Shapiro Wilk GOF Test**		
915					10% Shapiro Wilk Critical Value	0.869				Detected Data appear Lognormal at 10% Significance Level		
916					Lilliefors Test Statistic	0.176				**Lilliefors GOF Test**		
917					10% Lilliefors Critical Value	0.241				Detected Data appear Lognormal at 10% Significance Level		
918	**Detected Data appear Lognormal at 10% Significance Level**											
919												
920	**Lognormal ROS Statistics Using Imputed Non-Detects**											
921					Mean in Original Scale	122.6				Mean in Log Scale	3.55	
922					SD in Original Scale	207.4				SD in Log Scale	1.722	
923					95% t UCL (assumes normality of ROS data)	200.7				95% Percentile Bootstrap UCL	201.5	
924					95% BCA Bootstrap UCL	229.1				95% Bootstrap t UCL	268.8	
925					95% H-UCL (Log ROS)	631.4						
926												
927	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
928					KM Mean (logged)	3.274				KM Geo Mean	26.42	
929					KM SD (logged)	1.853				95% Critical H Value (KM-Log)	3.891	
930					KM Standard Error of Mean (logged)	0.433				95% H-UCL (KM -Log)	737	
931					KM SD (logged)	1.853				95% Critical H Value (KM-Log)	3.891	
932					KM Standard Error of Mean (logged)	0.433						
933												
934	**DL/2 Statistics**											
935	**DL/2 Normal**									**DL/2 Log-Transformed**		
936					Mean in Original Scale	123.3				Mean in Log Scale	3.049	

937				SD in Original Scale	208.6					SD in Log Scale	2.217	
938				95% t UCL (Assumes normality)	201.8					95% H-Stat UCL	2310	
939	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
940												
941	**Nonparametric Distribution Free UCL Statistics**											
942	**Detected Data appear Normal Distributed at 1% Significance Level**											
943												
944	**Suggested UCL to Use**											
945				95% KM (t) UCL	202.1							
946												
947	**The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.**											
948	**Please verify the data were collected from random locations.**											
949	**If the data were collected using judgmental or other non-random methods,**											
950	**then contact a statistician to correctly calculate UCLs.**											
951												
952	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
953	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
954	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
955												
956	**heptachlor**											
957												
958	**General Statistics**											
959				Total Number of Observations	21					Number of Distinct Observations	6	
960				Number of Detects	4					Number of Non-Detects	17	
961				Number of Distinct Detects	3					Number of Distinct Non-Detects	3	
962				Minimum Detect	1					Minimum Non-Detect	4.9	
963				Maximum Detect	4.8					Maximum Non-Detect	250	
964				Variance Detects	3.213					Percent Non-Detects	80.95%	
965				Mean Detects	2.3					SD Detects	1.793	
966				Median Detects	1.7					CV Detects	0.779	
967				Skewness Detects	1.3					Kurtosis Detects	0.954	
968				Mean of Logged Detects	0.611					SD of Logged Detects	0.76	
969												
970	**Normal GOF Test on Detects Only**											
971				Shapiro Wilk Test Statistic	0.84					**Shapiro Wilk GOF Test**		
972				1% Shapiro Wilk Critical Value	0.687					Detected Data appear Normal at 1% Significance Level		
973				Lilliefors Test Statistic	0.266					**Lilliefors GOF Test**		
974				1% Lilliefors Critical Value	0.413					Detected Data appear Normal at 1% Significance Level		
975	**Detected Data appear Normal at 1% Significance Level**											
976	**Note GOF tests may be unreliable for small sample sizes**											
977												
978	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
979				KM Mean	2.3					KM Standard Error of Mean	0.896	
980				90KM SD	1.552					95% KM (BCA) UCL	N/A	
981				95% KM (t) UCL	3.846					95% KM (Percentile Bootstrap) UCL	N/A	
982				95% KM (z) UCL	3.774					95% KM Bootstrap t UCL	N/A	
983				90% KM Chebyshev UCL	4.989					95% KM Chebyshev UCL	6.207	
984				97.5% KM Chebyshev UCL	7.897					99% KM Chebyshev UCL	11.22	
985												
986	**Gamma GOF Tests on Detected Observations Only**											
987				A-D Test Statistic	0.428					**Anderson-Darling GOF Test**		
988				5% A-D Critical Value	0.66					Detected data appear Gamma Distributed at 5% Significance Level		

989				K-S Test Statistic	0.318	**Kolmogorov-Smirnov GOF**						
990				5% K-S Critical Value	0.397	Detected data appear Gamma Distributed at 5% Significance Level						
991	**Detected data appear Gamma Distributed at 5% Significance Level**											
992	**Note GOF tests may be unreliable for small sample sizes**											
993												
994	**Gamma Statistics on Detected Data Only**											
995				k hat (MLE)	2.407	k star (bias corrected MLE)					0.768	
996				Theta hat (MLE)	0.956	Theta star (bias corrected MLE)					2.993	
997				nu hat (MLE)	19.26	nu star (bias corrected)					6.147	
998				Mean (detects)	2.3							
999												
1000	**Gamma ROS Statistics using Imputed Non-Detects**											
1001	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
1002	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
1003	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
1004	This is especially true when the sample size is small.											
1005	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
1006				Minimum	0.01	Mean					2.396	
1007				Maximum	6.807	Median					2.09	
1008				SD	1.822	CV					0.76	
1009				k hat (MLE)	1.121	k star (bias corrected MLE)					0.993	
1010				Theta hat (MLE)	2.137	Theta star (bias corrected MLE)					2.413	
1011				nu hat (MLE)	47.09	nu star (bias corrected)					41.7	
1012				Adjusted Level of Significance (β)	0.0383							
1013				Approximate Chi Square Value (41.70, α)	27.9	Adjusted Chi Square Value (41.70, β)					27.03	
1014				95% Gamma Approximate UCL	3.581	95% Gamma Adjusted UCL					N/A	
1015												
1016	**Estimates of Gamma Parameters using KM Estimates**											
1017				Mean (KM)	2.3	SD (KM)					1.552	
1018				Variance (KM)	2.41	SE of Mean (KM)					0.896	
1019				k hat (KM)	2.195	k star (KM)					1.913	
1020				nu hat (KM)	92.19	nu star (KM)					80.35	
1021				theta hat (KM)	1.048	theta star (KM)					1.202	
1022				80% gamma percentile (KM)	3.461	90% gamma percentile (KM)					4.52	
1023				95% gamma percentile (KM)	5.533	99% gamma percentile (KM)					7.785	
1024												
1025	**Gamma Kaplan-Meier (KM) Statistics**											
1026				Approximate Chi Square Value (80.35, α)	60.7	Adjusted Chi Square Value (80.35, β)					59.39	
1027				95% KM Approximate Gamma UCL	3.045	95% KM Adjusted Gamma UCL					3.112	
1028												
1029	**Lognormal GOF Test on Detected Observations Only**											
1030				Shapiro Wilk Test Statistic	0.865	**Shapiro Wilk GOF Test**						
1031				10% Shapiro Wilk Critical Value	0.792	Detected Data appear Lognormal at 10% Significance Level						
1032				Lilliefors Test Statistic	0.289	**Lilliefors GOF Test**						
1033				10% Lilliefors Critical Value	0.346	Detected Data appear Lognormal at 10% Significance Level						
1034	**Detected Data appear Lognormal at 10% Significance Level**											
1035	**Note GOF tests may be unreliable for small sample sizes**											
1036												
1037	**Lognormal ROS Statistics Using Imputed Non-Detects**											
1038				Mean in Original Scale	2.405	Mean in Log Scale					0.611	
1039				SD in Original Scale	1.878	SD in Log Scale					0.755	
1040				95% t UCL (assumes normality of ROS data)	3.112	95% Percentile Bootstrap UCL					3.106	

1041				95% BCA Bootstrap UCL	3.218					95% Bootstrap t UCL	3.391	
1042				95% H-UCL (Log ROS)	3.585							
1043												
1044	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
1045				KM Mean (logged)	0.611					KM Geo Mean	1.842	
1046				KM SD (logged)	0.658					95% Critical H Value (KM-Log)	2.146	
1047				KM Standard Error of Mean (logged)	0.38					95% H-UCL (KM -Log)	3.138	
1048				KM SD (logged)	0.658					95% Critical H Value (KM-Log)	2.146	
1049				KM Standard Error of Mean (logged)	0.38							
1050	**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**											
1051												
1052	**DL/2 Statistics**											
1053	**DL/2 Normal**						**DL/2 Log-Transformed**					
1054				Mean in Original Scale	8.288					Mean in Log Scale	1.042	
1055				SD in Original Scale	26.75					SD in Log Scale	0.924	
1056				95% t UCL (Assumes normality)	18.36					95% H-Stat UCL	7.226	
1057	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
1058												
1059	**Nonparametric Distribution Free UCL Statistics**											
1060	**Detected Data appear Normal Distributed at 1% Significance Level**											
1061												
1062	**Suggested UCL to Use**											
1063				95% KM (t) UCL	3.846							
1064												
1065	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
1066	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
1067	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
1068												
1069	**heptachlor epoxide**											
1070												
1071	**General Statistics**											
1072				Total Number of Observations	22					Number of Distinct Observations	15	
1073				Number of Detects	14					Number of Non-Detects	8	
1074				Number of Distinct Detects	12					Number of Distinct Non-Detects	3	
1075				Minimum Detect	1.6					Minimum Non-Detect	4.9	
1076				Maximum Detect	29					Maximum Non-Detect	250	
1077				Variance Detects	84.76					Percent Non-Detects	36.36%	
1078				Mean Detects	10.98					SD Detects	9.206	
1079				Median Detects	7.5					CV Detects	0.839	
1080				Skewness Detects	0.961					Kurtosis Detects	-0.453	
1081				Mean of Logged Detects	2.026					SD of Logged Detects	0.944	
1082												
1083	**Normal GOF Test on Detects Only**											
1084				Shapiro Wilk Test Statistic	0.85		**Shapiro Wilk GOF Test**					
1085				1% Shapiro Wilk Critical Value	0.825		Detected Data appear Normal at 1% Significance Level					
1086				Lilliefors Test Statistic	0.243		**Lilliefors GOF Test**					
1087				1% Lilliefors Critical Value	0.263		Detected Data appear Normal at 1% Significance Level					
1088	**Detected Data appear Normal at 1% Significance Level**											
1089												
1090	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
1091				KM Mean	8.15					KM Standard Error of Mean	1.89	
1092				90KM SD	8.292					95% KM (BCA) UCL	11.29	

1093					95% KM (t) UCL	11.4				95% KM (Percentile Bootstrap) UCL		11.24
1094					95% KM (z) UCL	11.26				95% KM Bootstrap t UCL		12.61
1095					90% KM Chebyshev UCL	13.82				95% KM Chebyshev UCL		16.39
1096					97.5% KM Chebyshev UCL	19.96				99% KM Chebyshev UCL		26.96
1097					**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**							
1098												
1099					**Gamma GOF Tests on Detected Observations Only**							
1100					A-D Test Statistic	0.385				**Anderson-Darling GOF Test**		
1101					5% A-D Critical Value	0.751				Detected data appear Gamma Distributed at 5% Significance Level		
1102					K-S Test Statistic	0.143				**Kolmogorov-Smirnov GOF**		
1103					5% K-S Critical Value	0.233				Detected data appear Gamma Distributed at 5% Significance Level		
1104					**Detected data appear Gamma Distributed at 5% Significance Level**							
1105												
1106					**Gamma Statistics on Detected Data Only**							
1107					k hat (MLE)	1.499				k star (bias corrected MLE)		1.225
1108					Theta hat (MLE)	7.322				Theta star (bias corrected MLE)		8.957
1109					nu hat (MLE)	41.97				nu star (bias corrected)		34.31
1110					Mean (detects)	10.98						
1111												
1112					**Gamma ROS Statistics using Imputed Non-Detects**							
1113					GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs							
1114					GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)							
1115					For such situations, GROS method may yield incorrect values of UCLs and BTVs							
1116					This is especially true when the sample size is small.							
1117					For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates							
1118					Minimum	0.01				Mean		7.709
1119					Maximum	29				Median		4.889
1120					SD	8.573				CV		1.112
1121					k hat (MLE)	0.545				k star (bias corrected MLE)		0.501
1122					Theta hat (MLE)	14.15				Theta star (bias corrected MLE)		15.4
1123					nu hat (MLE)	23.97				nu star (bias corrected)		22.03
1124					Adjusted Level of Significance (β)	0.0386						
1125					Approximate Chi Square Value (22.03, α)	12.36				Adjusted Chi Square Value (22.03, β)		11.82
1126					95% Gamma Approximate UCL	13.74				95% Gamma Adjusted UCL		14.37
1127												
1128					**Estimates of Gamma Parameters using KM Estimates**							
1129					Mean (KM)	8.15				SD (KM)		8.292
1130					Variance (KM)	68.77				SE of Mean (KM)		1.89
1131					k hat (KM)	0.966				k star (KM)		0.865
1132					nu hat (KM)	42.5				nu star (KM)		38.04
1133					theta hat (KM)	8.437				theta star (KM)		9.427
1134					80% gamma percentile (KM)	13.26				90% gamma percentile (KM)		19.45
1135					95% gamma percentile (KM)	25.71				99% gamma percentile (KM)		40.42
1136												
1137					**Gamma Kaplan-Meier (KM) Statistics**							
1138					Approximate Chi Square Value (38.04, α)	24.92				Adjusted Chi Square Value (38.04, β)		24.12
1139					95% KM Approximate Gamma UCL	12.44				95% KM Adjusted Gamma UCL		12.85
1140					**Note: KM UCLs may be biased low with this dataset. Other substitution method recommended**							
1141												
1142					**Lognormal GOF Test on Detected Observations Only**							
1143					Shapiro Wilk Test Statistic	0.937				**Shapiro Wilk GOF Test**		
1144					10% Shapiro Wilk Critical Value	0.895				Detected Data appear Lognormal at 10% Significance Level		

1145					Lilliefors Test Statistic	0.128	**Lilliefors GOF Test**					
1146					10% Lilliefors Critical Value	0.208	Detected Data appear Lognormal at 10% Significance Level					
1147	**Detected Data appear Lognormal at 10% Significance Level**											
1148												
1149	**Lognormal ROS Statistics Using Imputed Non-Detects**											
1150					Mean in Original Scale	8.029	Mean in Log Scale	1.636				
1151					SD in Original Scale	8.305	SD in Log Scale	0.957				
1152					95% t UCL (assumes normality of ROS data)	11.08	95% Percentile Bootstrap UCL	11.02				
1153					95% BCA Bootstrap UCL	11.49	95% Bootstrap t UCL	12.48				
1154					95% H-UCL (Log ROS)	13.74						
1155												
1156	**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**											
1157					KM Mean (logged)	1.633	KM Geo Mean	5.121				
1158					KM SD (logged)	0.95	95% Critical H Value (KM-Log)	2.515				
1159					KM Standard Error of Mean (logged)	0.229	95% H-UCL (KM -Log)	13.55				
1160					KM SD (logged)	0.95	95% Critical H Value (KM-Log)	2.515				
1161					KM Standard Error of Mean (logged)	0.229						
1162												
1163	**DL/2 Statistics**											
1164	**DL/2 Normal**						**DL/2 Log-Transformed**					
1165					Mean in Original Scale	13.46	Mean in Log Scale	1.799				
1166					SD in Original Scale	26.25	SD in Log Scale	1.134				
1167					95% t UCL (Assumes normality)	23.09	95% H-Stat UCL	22.83				
1168	**DL/2 is not a recommended method, provided for comparisons and historical reasons**											
1169												
1170	**Nonparametric Distribution Free UCL Statistics**											
1171	**Detected Data appear Normal Distributed at 1% Significance Level**											
1172												
1173	**Suggested UCL to Use**											
1174					95% KM (t) UCL	11.4						
1175												
1176	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.											
1177	Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.											
1178	However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.											
1179												
1180	**toxaphene**											
1181												
1182	**General Statistics**											
1183					Total Number of Observations	21	Number of Distinct Observations	6				
1184							Number of Missing Observations	1				
1185					Number of Detects	3	Number of Non-Detects	18				
1186					Number of Distinct Detects	3	Number of Distinct Non-Detects	3				
1187					Minimum Detect	940	Minimum Non-Detect	5				
1188					Maximum Detect	2000	Maximum Non-Detect	1200				
1189					Variance Detects	354533	Percent Non-Detects	85.71%				
1190					Mean Detects	1313	SD Detects	595.4				
1191					Median Detects	1000	CV Detects	0.453				
1192					Skewness Detects	1.712	Kurtosis Detects	N/A				
1193					Mean of Logged Detects	7.118	SD of Logged Detects	0.419				
1194												
1195	**Warning: Data set has only 3 Detected Values.**											
1196	**This is not enough to compute meaningful or reliable statistics and estimates.**											

1197												
1198												
1199	**Normal GOF Test on Detects Only**											
1200					Shapiro Wilk Test Statistic	0.792	**Shapiro Wilk GOF Test**					
1201					1% Shapiro Wilk Critical Value	0.753	Detected Data appear Normal at 1% Significance Level					
1202					Lilliefors Test Statistic	0.367	**Lilliefors GOF Test**					
1203					1% Lilliefors Critical Value	0.429	Detected Data appear Normal at 1% Significance Level					
1204	**Detected Data appear Normal at 1% Significance Level**											
1205	**Note GOF tests may be unreliable for small sample sizes**											
1206												
1207	**Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs**											
1208					KM Mean	196.7			KM Standard Error of Mean	133.8		
1209					90KM SD	496.2			95% KM (BCA) UCL	N/A		
1210					95% KM (t) UCL	427.5			95% KM (Percentile Bootstrap) UCL	N/A		
1211					95% KM (z) UCL	416.8			95% KM Bootstrap t UCL	N/A		
1212					90% KM Chebyshev UCL	598.1			95% KM Chebyshev UCL	779.9		
1213					97.5% KM Chebyshev UCL	1032			99% KM Chebyshev UCL	1528		
1214												
1215	**Gamma GOF Tests on Detected Observations Only**											
1216					A-D Test Statistic	0.534	**Anderson-Darling GOF Test**					
1217					5% A-D Critical Value	0.636	Detected data appear Gamma Distributed at 5% Significance Level					
1218					K-S Test Statistic	0.402	**Kolmogorov-Smirnov GOF**					
1219					5% K-S Critical Value	0.433	Detected data appear Gamma Distributed at 5% Significance Level					
1220	**Detected Data Not Gamma Distributed at 5% Significance Level**											
1221												
1222	**Gamma Statistics on Detected Data Only**											
1223					k hat (MLE)	8.209			k star (bias corrected MLE)	N/A		
1224					Theta hat (MLE)	160			Theta star (bias corrected MLE)	N/A		
1225					nu hat (MLE)	49.25			nu star (bias corrected)	N/A		
1226					Mean (detects)	1313						
1227												
1228	**Gamma ROS Statistics using Imputed Non-Detects**											
1229	GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs											
1230	GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)											
1231	For such situations, GROS method may yield incorrect values of UCLs and BTVs											
1232	This is especially true when the sample size is small.											
1233	For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates											
1234					Minimum	0.01			Mean	215.9		
1235					Maximum	2000			Median	0.01		
1236					SD	504.8			CV	2.338		
1237					k hat (MLE)	0.114			k star (bias corrected MLE)	0.129		
1238					Theta hat (MLE)	1893			Theta star (bias corrected MLE)	1667		
1239					nu hat (MLE)	4.79			nu star (bias corrected)	5.439		
1240					Adjusted Level of Significance (β)	0.0383						
1241					Approximate Chi Square Value (5.44, α)	1.36			Adjusted Chi Square Value (5.44, β)	1.211		
1242					95% Gamma Approximate UCL	863.2			95% Gamma Adjusted UCL	N/A		
1243												
1244	**Estimates of Gamma Parameters using KM Estimates**											
1245					Mean (KM)	196.7			SD (KM)	496.2		
1246					Variance (KM)	246206			SE of Mean (KM)	133.8		
1247					k hat (KM)	0.157			k star (KM)	0.167		
1248					nu hat (KM)	6.603			nu star (KM)	6.993		

1249					theta hat (KM)	1251					theta star (KM)	1182
1250					80% gamma percentile (KM)	231.8					90% gamma percentile (KM)	590.2
1251					95% gamma percentile (KM)	1060					99% gamma percentile (KM)	2394
1252												
1253					**Gamma Kaplan-Meier (KM) Statistics**							
1254					Approximate Chi Square Value (6.99, α)	2.167					Adjusted Chi Square Value (6.99, β)	1.966
1255					95% KM Approximate Gamma UCL	635					95% KM Adjusted Gamma UCL	699.7
1256												
1257					**Lognormal GOF Test on Detected Observations Only**							
1258					Shapiro Wilk Test Statistic	0.811					**Shapiro Wilk GOF Test**	
1259					10% Shapiro Wilk Critical Value	0.789					Detected Data appear Lognormal at 10% Significance Level	
1260					Lilliefors Test Statistic	0.359					**Lilliefors GOF Test**	
1261					10% Lilliefors Critical Value	0.389					Detected Data appear Lognormal at 10% Significance Level	
1262					**Detected Data appear Lognormal at 10% Significance Level**							
1263					**Note GOF tests may be unreliable for small sample sizes**							
1264												
1265					**Lognormal ROS Statistics Using Imputed Non-Detects**							
1266					Mean in Original Scale	403.2					Mean in Log Scale	5.579
1267					SD in Original Scale	449.1					SD in Log Scale	0.917
1268					95% t UCL (assumes normality of ROS data)	572.2					95% Percentile Bootstrap UCL	573.3
1269					95% BCA Bootstrap UCL	626.6					95% Bootstrap t UCL	716.3
1270					95% H-UCL (Log ROS)	667						
1271												
1272					**Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution**							
1273					KM Mean (logged)	2.423					KM Geo Mean	11.28
1274					KM SD (logged)	1.957					95% Critical H Value (KM-Log)	4.067
1275					KM Standard Error of Mean (logged)	0.532					95% H-UCL (KM -Log)	453.6
1276					KM SD (logged)	1.957					95% Critical H Value (KM-Log)	4.067
1277					KM Standard Error of Mean (logged)	0.532						
1278												
1279					**DL/2 Statistics**							
1280					**DL/2 Normal**						**DL/2 Log-Transformed**	
1281					Mean in Original Scale	225.8					Mean in Log Scale	3.289
1282					SD in Original Scale	508.7					SD in Log Scale	1.857
1283					95% t UCL (Assumes normality)	417.3					95% H-Stat UCL	758.5
1284					**DL/2 is not a recommended method, provided for comparisons and historical reasons**							
1285												
1286					**Nonparametric Distribution Free UCL Statistics**							
1287					**Detected Data appear Normal Distributed at 1% Significance Level**							
1288												
1289					**Suggested UCL to Use**							
1290					95% KM (t) UCL	427.5						
1291												
1292					Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.							
1293					Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.							
1294					However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.							
1295												

	A	B	C
1	ProUCL Lead Input		
2	lead sample	lead mg/kg	d_lead mg/k
3	SS-30-0.0	24.6	1
4	SS-31-0.0	17.6	1
5	SS-32-0.0	34.3	1
6	SS-33-0.0	19.6	1
7	SS-34-0.0	22.8	1
8	SS-35-0.0	39.2	1
9	SS-36-0.0	20.6	1
10	SS-37-0.0	34.4	1
11	SS-38-0.0	31.5	1
12	SS-39-0.0	18.6	1
13	SS-40-0.0	16.7	1

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.2 9/16/2022 4:18:47 PM
From File	WorkSheet_a.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

lead mg/kg

General Statistics

Total Number of Observations	11	Number of Distinct Observations	11
		Number of Missing Observations	0
Minimum	16.7	Mean	25.45
Maximum	39.2	Median	22.8
SD	7.967	Std. Error of Mean	2.402
Coefficient of Variation	0.313	Skewness	0.588

Normal GOF Test

Shapiro Wilk Test Statistic	0.885	**Shapiro Wilk GOF Test**
1% Shapiro Wilk Critical Value	0.792	Data appear Normal at 1% Significance Level
Lilliefors Test Statistic	0.183	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.291	Data appear Normal at 1% Significance Level

Data appear Normal at 1% Significance Level

Assuming Normal Distribution

95% Normal UCL		95% UCLs (Adjusted for Skewness)	
95% Student's-t UCL	29.8	95% Adjusted-CLT UCL (Chen-1995)	29.85
		95% Modified-t UCL (Johnson-1978)	29.87

Gamma GOF Test

A-D Test Statistic	0.527	**Anderson-Darling Gamma GOF Test**
5% A-D Critical Value	0.729	Detected data appear Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.181	**Kolmogorov-Smirnov Gamma GOF Test**
5% K-S Critical Value	0.255	Detected data appear Gamma Distributed at 5% Significance Level

Detected data appear Gamma Distributed at 5% Significance Level

Gamma Statistics

k hat (MLE)	11.79	k star (bias corrected MLE)	8.632
Theta hat (MLE)	2.159	Theta star (bias corrected MLE)	2.948
nu hat (MLE)	259.3	nu star (bias corrected)	189.9
MLE Mean (bias corrected)	25.45	MLE Sd (bias corrected)	8.661
		Approximate Chi Square Value (0.05)	159
Adjusted Level of Significance	0.0278	Adjusted Chi Square Value	154.4

Assuming Gamma Distribution

95% Approximate Gamma UCL	30.39	95% Adjusted Gamma UCL	31.29

Lognormal GOF Test

Shapiro Wilk Test Statistic	0.908	**Shapiro Wilk Lognormal GOF Test**
10% Shapiro Wilk Critical Value	0.876	Data appear Lognormal at 10% Significance Level
Lilliefors Test Statistic	0.164	**Lilliefors Lognormal GOF Test**
10% Lilliefors Critical Value	0.231	Data appear Lognormal at 10% Significance Level

Data appear Lognormal at 10% Significance Level

Lognormal Statistics

Minimum of Logged Data	2.815	Mean of logged Data	3.194
Maximum of Logged Data	3.669	SD of logged Data	0.305

Assuming Lognormal Distribution

95% H-UCL	30.83	90% Chebyshev (MVUE) UCL	32.49
95% Chebyshev (MVUE) UCL	35.69	97.5% Chebyshev (MVUE) UCL	40.14
99% Chebyshev (MVUE) UCL	48.87		

Nonparametric Distribution Free UCL Statistics

Data appear to follow a Discernible Distribution

Nonparametric Distribution Free UCLs

95% CLT UCL	29.4	95% BCA Bootstrap UCL	29.64
95% Standard Bootstrap UCL	29.22	95% Bootstrap-t UCL	31
95% Hall's Bootstrap UCL	29.22	95% Percentile Bootstrap UCL	29.29
90% Chebyshev(Mean, Sd) UCL	32.65	95% Chebyshev(Mean, Sd) UCL	35.92
97.5% Chebyshev(Mean, Sd) UCL	40.45	99% Chebyshev(Mean, Sd) UCL	49.35

Suggested UCL to Use

95% Student's-t UCL	29.8		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

E - DATA VALIDATION MEMORANDUM

TETRA TECH

Memo

To:	Jim Steele, Project Manager
Cc:	
From:	Mike Wilson, Senior Chemist
Date:	July 26, 2022
Subject:	One Hundred Percent Data Validation Review for the Rio Del Valle Middle School Expansion Project

Introduction

This report summarizes the findings from data validation efforts conducted on one hundred percent of the sample data results for the Rio Del Valle project. The validation guidance used in evaluating the data is presented in the current versions of USEPA National Functional Guidelines for Inorganic Data Review and USEPA National Functional Guidelines for Organic Data Review. The data were audited at a Stage 2A effort. The Stage 2A effort requires review of all applicable quality control (QC) sample results as it relates to the field data under review. The Stage 2A effort also determines the usability of the data based on the Data Quality Objectives (DQOs) for the project.

The Eurofins data for the project were contained in two Sample Delivery Groups (SDGs) and are associated with the soil sampling at Rio Del Valle in 2022. 2022 SDGs were 570-106769-1 and 570-106860-1.

The total data set consisted of environmental and QC samples analyses. This data set contained the following parameters and analytical methods.

- Organic Chlorinated Pesticides (OCPs) by EPA 8081A;
- Metals by EPA 6010B;
- TPHg by EPA 8015M;
- TPHd by EPA 8015M;
- TPH by 8015B, 8015B M with carbon ranges

The samples were logged into the lab under compliant Chain of Custody documentation with no unresolved exceptions noted. The samples were analyzed in one or two preparation batch per analytical method per SDG. All QC samples were reviewed and if the QC result caused the data to be qualified the reason for the qualification was identified.

The data showed the laboratory analyzed all samples in accordance with method guidelines. All data not qualified are of known precision and accuracy and can be used as stated. All data for this Rio Del Valle sampling event were usable for their intended purpose.

Evaluation Criteria

The data were evaluated by results from the following quality control (QC) entities.

- Method/field blanks
- Sample preservation

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- Laboratory control samples
- Holding times
- Surrogate recovery (organic methods)
- Spiked and field duplicate compliance
- Compound identification
- Analytical method compliance
- Case narrative review

Chain-of-custody (COC) forms were reviewed and no unresolved discrepancies were noted.

Evaluation of Precision, Accuracy, Representativeness, Comparability, and Completeness (PARCC)

Precision is established by calculating the RPD values for matrix spike/matrix spike duplicate (MS/MSD) pairs and/or field duplicates. The RPD values calculated for the Rio Del Valle project show that greater than 95% of the RPD calculated were within control limits. Therefore, the precision for the projects meets the DQO.

Accuracy is established by reviewing spiked sample analysis. A blank spike (LCS) measures the accuracy of the instrument and the LCS results for this data set were found to be within control limits for greater than 95% of the LCS results. Therefore, accuracy for the Rio Del Valle project meets the Data Quality Objectives (DQO).

Representativeness is established by using standard field sampling techniques. Because the field sampling was conducted under approved work plans and by following established SOPs, the sampling is judged to have adequate representativeness. The DQO was met.

Comparability of the data is preserved if the analytical analyses are conducted under approved and vetted EPA analytical methods. Because the EPA methods are constructed with comparability built into the methods, by using these approved analytical methods for the project, the data is comparable. The DQO was met.

Completeness is measured by determining the amount of valid data produced by the laboratory as compared to the total possible data from the chain. This data set had rejected data and all samples were analyzed as per the chains. Therefore, the data completeness is 95% which is above the 90% criterion. The DQO was met.

Validation Qualifiers and Comment Descriptors Definitions

Validation Qualifier	Definition
J-	Estimated. The associated numerical value is an estimated quantity with a negative bias. The analyte was detected but the reported value may not be accurate or precise. The data are usable as estimated values.
J+	Estimated. The associated numerical value is an estimated quantity with a positive bias. The analyte was detected but the reported value may not be accurate or precise. The data are usable as estimated values.

J	Estimated. The associated numerical value is an estimated quantity. It is not possible to assess the direction of the potential bias. The analyte was detected but the reported value may not be accurate or precise. The "J" qualification indicates the data fell outside the QC limits, but the exceedance was not sufficient to cause rejection of the data. The data are usable as estimated values.
R	Rejected. The data is unusable (the compound or analyte may or may not be present). Use of the "R" qualifier indicates a significant variance from functional guideline acceptance criteria. Either resampling or reanalysis is necessary to determine the presence or absence of the rejected analyte.
U	Not detected. Analyses were performed for the compound or analyte, but it was not detected. The "U" designation is also applied to suspected blank contamination. The "U" flag is used to qualify any result that is detected in an environmental sample and associated blank at less than the PQL. However, the data result is not censored by using the default PQL level.
UJ	Estimated/Not detected. Analyses were performed for the compound or analyte, but it was not detected, and the sample quantitation or detection limit is an estimated quantity due to poor accuracy or precision. This qualification is also used to flag possible false negative results in the case where low bias in the analytical system is indicated by low calibration response, surrogate, or other spike recovery.

Comment Descriptor	Definition
a	The analyte was found in the method blank.
b	The surrogate spike recovery was outside control limits.
c	The Matrix Spike and/or Matrix Spike Duplicate recoveries were outside control limits.
d	The Laboratory Control Sample (LCS) recovery was outside control limits.
e	A holding time violation occurred.
f	The duplicate samples Relative Percent Difference (RPD) was outside the control limit.
h	The method requires a confirmation result, but none was performed.
k	The analyte was found in a field blank.
l	The second column confirmation result indicates the analyte was not confirmed.
p	The result was qualified based on professional judgment.
q	The analyte detection was below the Practical Quantitation Limit (PQL).
r	The result is above the instrument's calibration range.
t	The sample temperature was outside acceptance criteria.
n	The laboratory case narrative indicated a QC problem.

All data qualified are presented below under the QC entity where qualification occurred. Unless listed below, all other data may be used as stated. Data qualified for only being detected below the reporting level are excluded from being listed below.

Surrogate Recovery

Surrogate recovery below 10% in sample SS-36-0.0 caused the OCP data result not detected to be rejected (R). The data are not usable for their intended purpose.

Matrix Spike/Matrix Spike Duplicate

The Matrix spike recovery below control limits qualified Endrin in sample SS-36-0.0 as rejected (R). The data are not usable.

Conclusions

All the Rio Del Valle data results not qualified were of known precision and accuracy and may be used as stated. The data that were qualified are usable as estimated or not detected values. Any rejected data are not usable.

The laboratory data packages were reviewed to determine if the project plan requirements were being followed. The laboratory applicable QC criteria stated were applied to the analytical methods used for the project. All QC protocols were being followed as prescribed.

Because the data met the DQOs and the PARCC indicators for the project the usability of the data meet the criteria for this project. All data are usable.

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H WATER RESOURCES SYSTEMS REPORTS

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RIO01.6207
July 11, 2022

City of Oxnard
Tai Chau
214 S C St.
Oxnard, CA 93030

Subject: Rio Del Valle Middle School Expansion—Preliminary Hydrology

Dear Tai,

Rio School District (RSD) plans to expand Rio Del Valle Middle School by 11.1 acres to the south of the existing campus. The expansion will provide additional onsite parking, new classrooms, a library and media center, maintenance offices, a lunch play field, four sand volleyball courts, a jogging path, and a stormwater infiltration/detention basin. The site is currently developed with hoop houses and one residence. RSD plans to convert the residence into offices for maintenance staff. This letter addresses MS4 stormwater compliance as well as onsite detention requirements.

Drainage Patterns

Currently, the site slopes in a southeasterly direction. Runoff discharges from the site via surface flow and discharges to a City of Oxnard reinforced concrete box in Auto Center Drive, approximately 0.25 mile from the project site.

In the developed condition, the 11.1-acre site will be 44 percent impervious. Stormwater runoff will be collected in an onsite storm drain system which will carry it to a combined infiltration/detention basin (see the attached Preliminary Drainage Exhibit for location). The outlet from the basin will connect to a proposed storm drain in Collins Street. The proposed storm drain will run east in Collins Street and will discharge to existing City of Oxnard storm drain facilities at Collins Street and Auto Center Drive.

Drainage Area H on the attached Preliminary Drainage Exhibit will not be captured in the onsite storm drain system prior to discharging from the site. This area is composed of 2.6 acres of pervious area and 0.2 acres of impervious area (2 percent of the 11.1-acre site). The impervious area is included in the 5 percent allowable effective impervious area for stormwater treatment. However, runoff from Drainage Area H is still included with the allowable site discharge rates.

Stormwater Flows

Stormwater flows in the developed condition were calculated using VCRat. To be conservative, a time of concentration of five minutes was assumed. VCRat results were used to create hydrographs for the site and determine the volume of runoff to analyze the detention system. Peak flowrates from the project were calculated to be Q_{10}=19.3 cfs and Q_{100}=29.3 cfs.

MS4 Requirments

This project is subject to compliance with the 2021 Ventura County MS4 Permit (Order R4-2021-0105). The detention basin is designed to also accommodate the Stormwater Quality Design Volume (SQDV) for infiltration. Since this is a combined system, the basin outlet is set at the SQDV water surface elevation to provide sufficient storage to meet MS4 requirements.

Low flows must be pre-treated prior to discharging to the basin. For preliminary design purposes, it is assumed a hydrodynamic separator (such as the Downstream Defender manufactured by Hydro International) will be used.

The preliminary SQDV for the site was calculated using "Method 3: 0.75-Inch Design Storm Approach" defined in the Ventura County Technical Guidance Manual (TGM). To size the basin to accommodate the preliminary SQDV, the Ventura County Design Worksheet INF-1: Infiltration Basin was used (found in Appendix E of the TGM). Since percolation test results are not currently available, the minimum allowable infiltration rate of 0.5 in/hr was assumed. Preliminary calculations are attached for reference. The table below shows that the available infiltration storage volume exceeds the SQDV, and the available infiltrating surface area surpasses the minimum required area.

Infiltration Design Summary

	Infiltration Volume (cf)	Infiltrating Surface Area (sf)
Required	5,256	12,713
Proposed	5,877	14,500

Detention Requirements

The City of Oxnard requires that stormwater runoff from this area does not exceed 1.1 cfs/acre during storm events up to a 100-year storm. Therefore, for this 11.1-acre site, 12.2 cfs may be released.

Detention will be provided in a combined infiltration/detention basin. A diversion structure will be installed to allow mid-level flows to bypass the basin and directly discharge from the site, while low flows are infiltrated and high flows are detained in the basin. Due to diversion structure hydraulics, bypassed flows are not consistent across storm events. To correctly model bypassed and detained flows, each storm event was analyzed separately.

Hydraflow Hydrographs was used to model detention in the basin and calculate the resulting outflows. A weir structure will control discharge from the basin. The table below compares

allowable post-construction runoff to the proposed peak flowrates, and routing calculations are attached for reference.

Allowable vs. Proposed Site Runoff

	Q10 (cfs)	Q100 (cfs)
Allowed	12.2	12.2
Proposed	9.7	12.0

Hydraflow Hydrographs also analyzes the required storage volumes and water surface elevations in the proposed basin given the inflow hydrograph and defined outflow structure. To show that the basin is sufficiently sized, the following table compares the required storage volume and basin depth calculated by the program for a 100-year storm to those provided. As demonstrated in the table, 1.8 feet of freeboard is available.

Required vs. Proposed Infiltration/Detention Basin Storage

	Storage Volume (cf)	Basin Depth (ft)
Required	18,300	1.2
Proposed	47,900	3.0

Conclusion

This preliminary analysis for proposed improvements indicates that the development can meet Ventura County MS4 and City of Oxnard detention requirements. Finished floor elevations will be protected against the Q100 water surface elevation, and overflow points will be provided onsite.

Sincerely,
Jensen Design & Survey, Inc.

Susanne Cooper, P.E.
President

REGISTERED PROFESSIONAL ENGINEER
SUSANNE M COOPER
No C060448
EXP 6/30/24
CIVIL
STATE OF CALIFORNIA

7·11·22

Enclosures

Hydrology
- Preliminary Drainage Exhibit

MS4
- SQDV Calculations
- Infiltration Area Calculations

Detention
- Routed Hydrographs—Q10 & Q100

EX. CAMPUS

ROSE AVENUE

A 2.0

B 0.9

C 0.8

D 0.5

E 1.1

F 2.4

G 0.6

H 2.8

SD

X

PRE-TREATMENT HYDRODYNAMIC SEPARATOR

DIVERSION STRUCTURE

INFILTRATION/DETENTION BASIN

BASIN OUTLET STRUCTURE

TO AUTO CENTER DRIVE

COLLINS STREET

BASIN STORAGE SUMMARY		
	STORAGE VOLUME (CF)	BASIN DEPTH (FT)
REQUIRED	18,300	1.2
PROPOSED	47,900	3

ALLOWABLE VS. PROPOSED DISCHARGE		
	Q10 (CFS)	Q100 (CFS)
PROPOSED (PRE-DETENTION)	19.3	29.3
PROPOSED(POST-DETENTION)	9.7	12.0
ALLOWED	12.2	12.2

LEGEND

A 1.0 — DRAINAGE AREA / AREA (ACRES)

DIRECTION OF FLOW

DRAINAGE AREA LIMITS

40' 0' 80'

SCALE: 1"=80'

STORMWATER TREATMENT SUMMARY		
	INFILTRATION VOLUME (CF)	INFILTRATING SURFACE AREA (SF)
REQUIRED	5,256	12,713
PROPOSED	5,877	14,500

JENSEN DESIGN & SURVEY, INC
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RDV MIDDLE SCHOOL EXPANSION

PRELIMINARY DRAINAGE

SHEET 1 OF 1

Jul 11, 2022

J:\RIO16207\Planning\Exhibits\6207 DRAINAGE EXHIBIT.dwg Jul 11, 2022, 11:55am cevans

Designer:	Jensen Design & Survey, Inc
Project Proponent:	Rio School District
Date:	7/7/2022
Project:	RIO 6207 - Rio Del Valle Middle School Expansion
Location:	Oxnard

Type of Vegetation: (Check type used or describe "Other"		Native Grass
		Irrigated Turf Grass
	X	Other

Step 1: Determine Water Quality Design Volume

1-1	Enter Project Area	$A_{project}$=	11.1	ac
1-2	Enter the maximum allowable percent of the Project area that may be effective impervious area (%)(refer to permit), ranges from 5-30% allowable	$\%_{allowable}$=	5	%
1-3	Determine the maximum allowable effective impervious area (ac), $EIA_{allowable} = (A_{project})*(\%allowable)$	$EIA_{allowable}$=	0.56	ac
1-4	Enter Project Impervious fraction, IMP	IMP =	0.44	
1-5	Determine the Project Total Impervious Area (ac) $TIA = A_{project}*IMP$	TIA =	4.88	ac
1-6	Determine the total area from which runoff must be retained (ac), $A_{retain}=TIA-EIA_{allowable}$	A_{retain} =	4.33	ac
1-7	Determine pervious runoff coefficient using Table E-1, C_p	C_p =	0.050	
1-8	Calculate runoff coefficient $C=0.95*IMP + C_p(1-IMP)$	C =	0.4460	
1-9	Enter design rainfall depth of the storm (in), P_i	P_i =	0.75	in
1-10	Calculate rainfall depth (ft), $P = P_i/12$	P =	0.0625	ft
1-11	Calculate Water Quality Design Volume (CF) $SQDV = 43560*C*P*A_{retain}$	SQDV =	5256.42	cf

INF-1 - Infiltration Basin

Designer:	Jensen Design & Survey, Inc
Project Proponent:	Rio School District
Date:	7/7/2022
Project:	RIO 6207 - Rio Del Valle Middle School Expansion
Location:	Oxnard

Type of Vegetation: (Check type used or describe "Other"

_____ Native Grass
_____ Irrigated Turf Grass
_____ Other

Step 2: Determine the design percolation rate

2-1	Enter measured soil percolation rate (in/hr) 0.5 in/hr minimum. $P_{measured}$	$P_{measured}$=	0.5	in/hr
2-2	Determine percolation rate correction factor, S_A based on suitability assessment (see Section 6 INF-1, Table 6-2)	S_A =	2.25	
2-3	Determine percolation rate correction factor, S_B based on design (see Section 6 INF-1)	S_B =	2.75	
2-4	Calculate Combine safety factor, $S = S_A * S_B$	S =	6.1875	
2-5	Calculate the design percolation rate (in/hr) $P_{design} = P_{measured}/S$	P_{design} =	0.081	in/hr

Step 3: Calculate the surface area

3-1	Enter required drain time (hours, 72 hours max, t	t =	72	hr
3-2	Calculate max. depth of runoff that can be infiltrated within the t (ft), d_{max} = $P_{design}*t/12$	d_{max} =	0.485	ft
3-3	For Basins, Select ponding depth dp such that $d_p <= d_{max}$	d_p =	0.4	ft
3-6	Enter the time to fill infiltration basin with water (sue 2 hours for most designs), T	T =	2	hrs
3-7	Calculate Infiltrating surface area for infiltration basin $A_b = SQDV/(TP_{design}/12+d_p)$	A_b =	12713.0	sf

Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.23

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
10	Manual	19.29	1	1152	81,941	----	------	------	10 - Proposed - Entire Site
11	Diversion1	0.990	1	1145	53,069	10	------	------	10 - Treatment
12	Diversion2	18.30	1	1152	28,872	10	------	------	10 - Bypass / Detain
13	Diversion1	8.000	1	1148	26,123	12	------	------	10 - Bypass
14	Diversion2	10.30	1	1152	2,749	12	------	------	10 - Detain
15	Combine	11.29	1	1152	55,818	11, 14	------	------	10 - Total to Basin
16	Reservoir	1.698	1	1156	49,951	15	84.45	14,232	10 - Through Basin
17	Combine	9.687	1	1155	76,074	13, 16	------	------	10 - Total Discharged

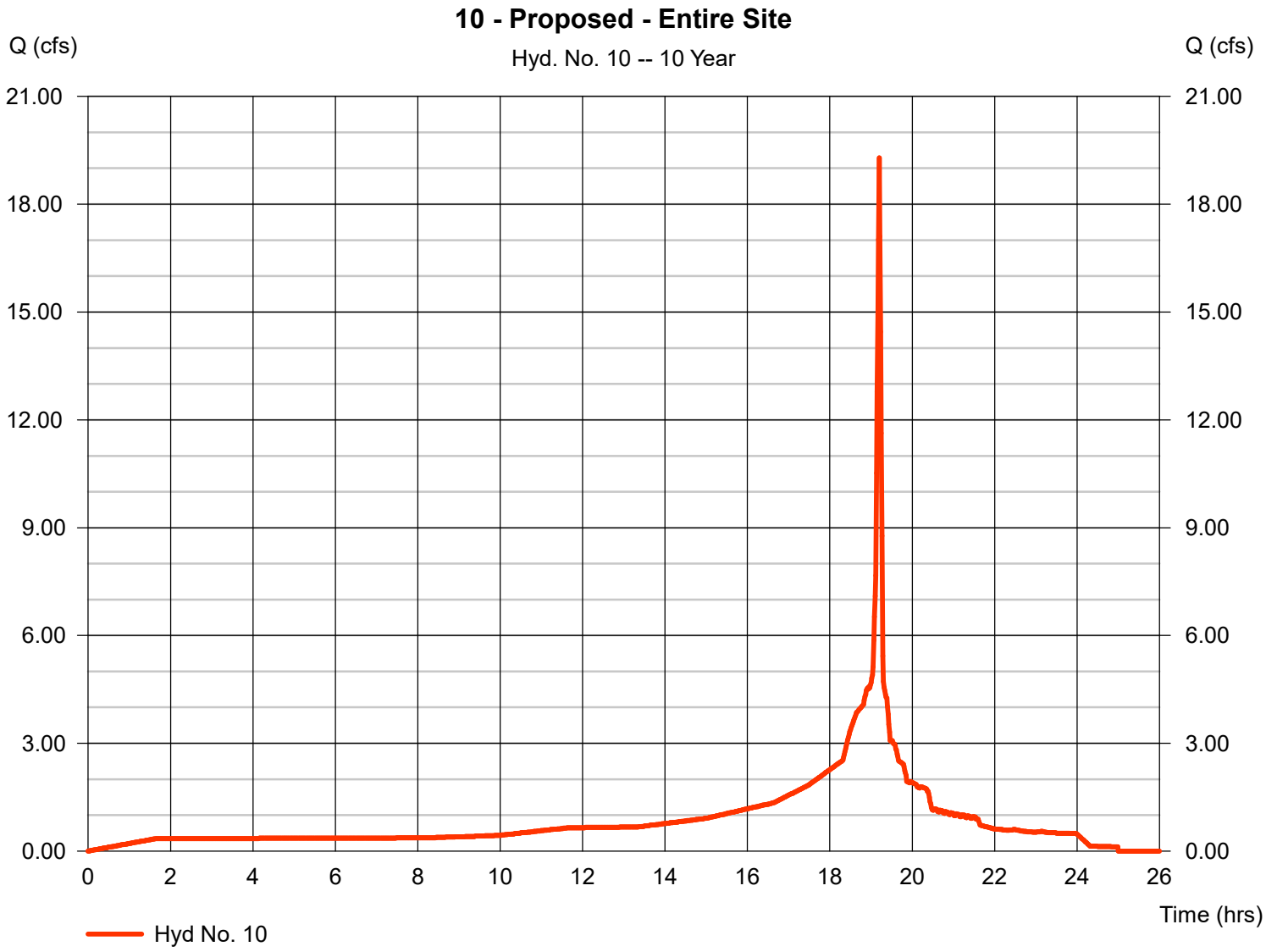
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 10

10 - Proposed - Entire Site

Hydrograph type	= Manual	Peak discharge	= 19.29 cfs
Storm frequency	= 10 yrs	Time to peak	= 19.20 hrs
Time interval	= 1 min	Hyd. volume	= 81,941 cuft



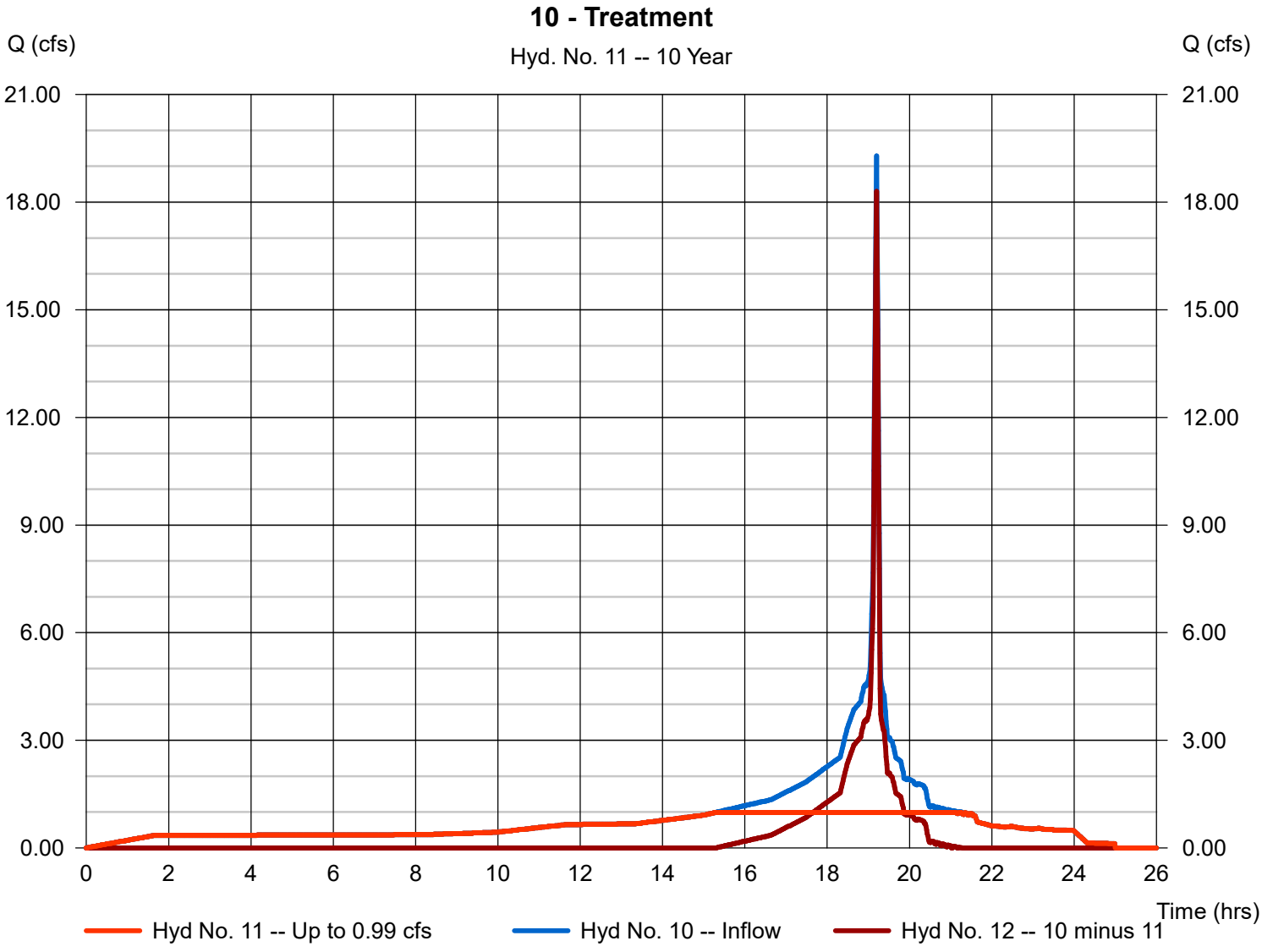
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Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 11

10 - Treatment

Hydrograph type	=	Diversion1	Peak discharge	=	0.990 cfs
Storm frequency	=	10 yrs	Time to peak	=	19.08 hrs
Time interval	=	1 min	Hyd. volume	=	53,069 cuft
Inflow hydrograph	=	10 - 10 - Proposed - Entire Site	2nd diverted hyd.	=	12
Diversion method	=	Constant Q	Constant Q	=	0.99 cfs



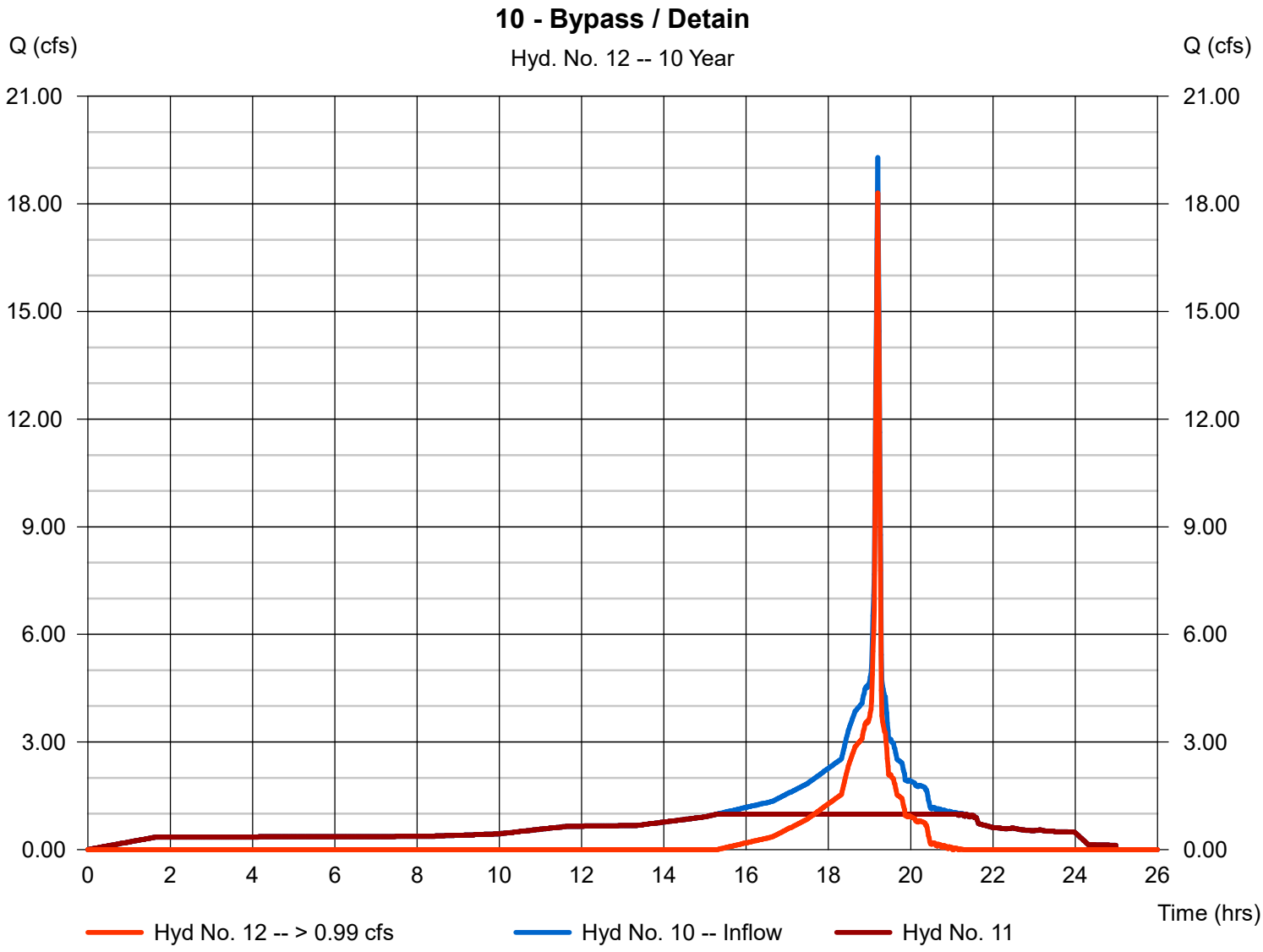
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 12

10 - Bypass / Detain

Hydrograph type	=	Diversion2	Peak discharge	=	18.30 cfs
Storm frequency	=	10 yrs	Time to peak	=	19.20 hrs
Time interval	=	1 min	Hyd. volume	=	28,872 cuft
Inflow hydrograph	=	10 - 10 - Proposed - Entire Site	2nd diverted hyd.	=	11
Diversion method	=	Constant Q	Constant Q	=	0.99 cfs



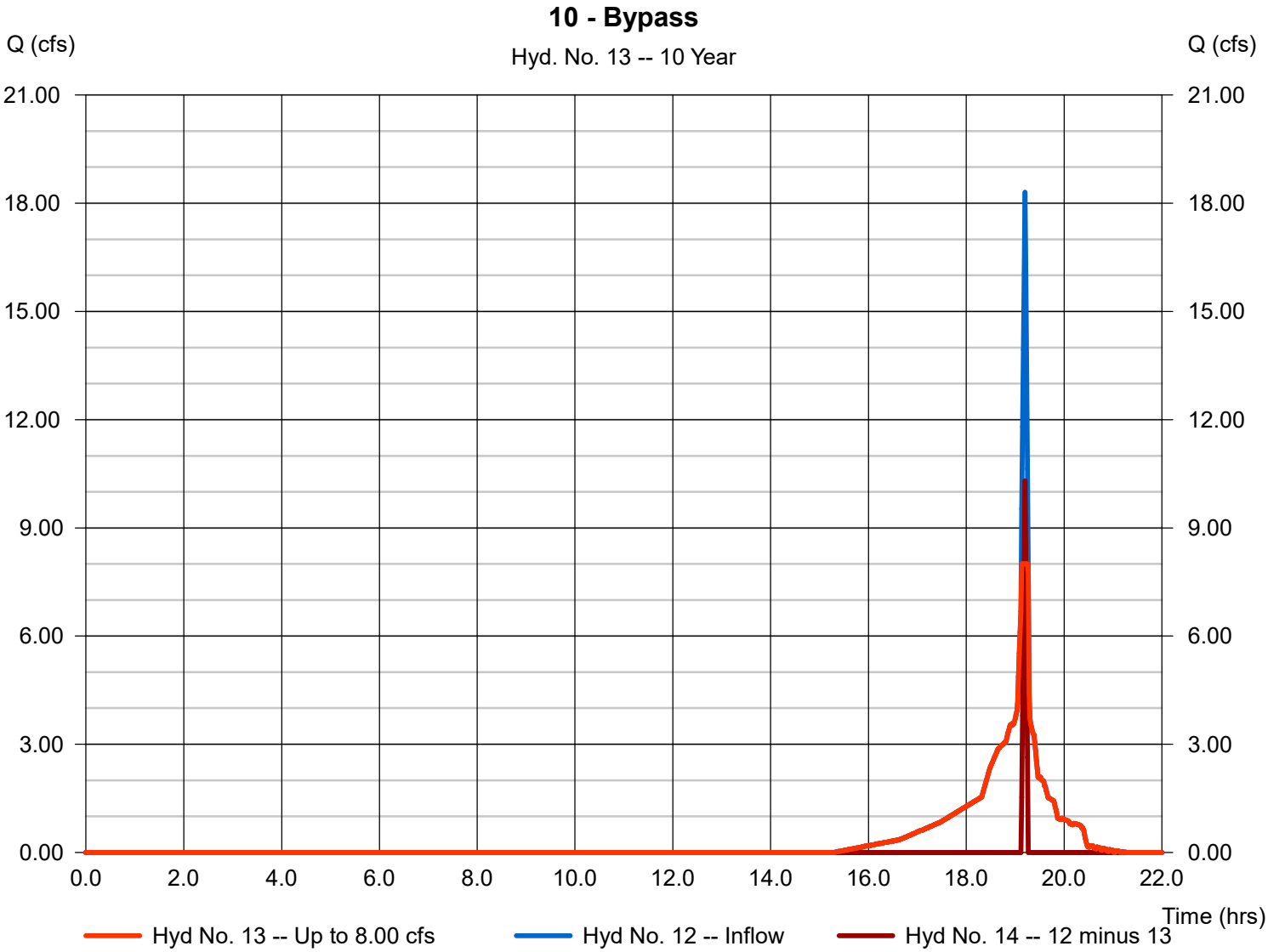
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Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 13

10 - Bypass

Hydrograph type	=	Diversion1	Peak discharge	=	8.000 cfs
Storm frequency	=	10 yrs	Time to peak	=	19.13 hrs
Time interval	=	1 min	Hyd. volume	=	26,123 cuft
Inflow hydrograph	=	12 - 10 - Bypass / Detain	2nd diverted hyd.	=	14
Diversion method	=	Constant Q	Constant Q	=	8.00 cfs



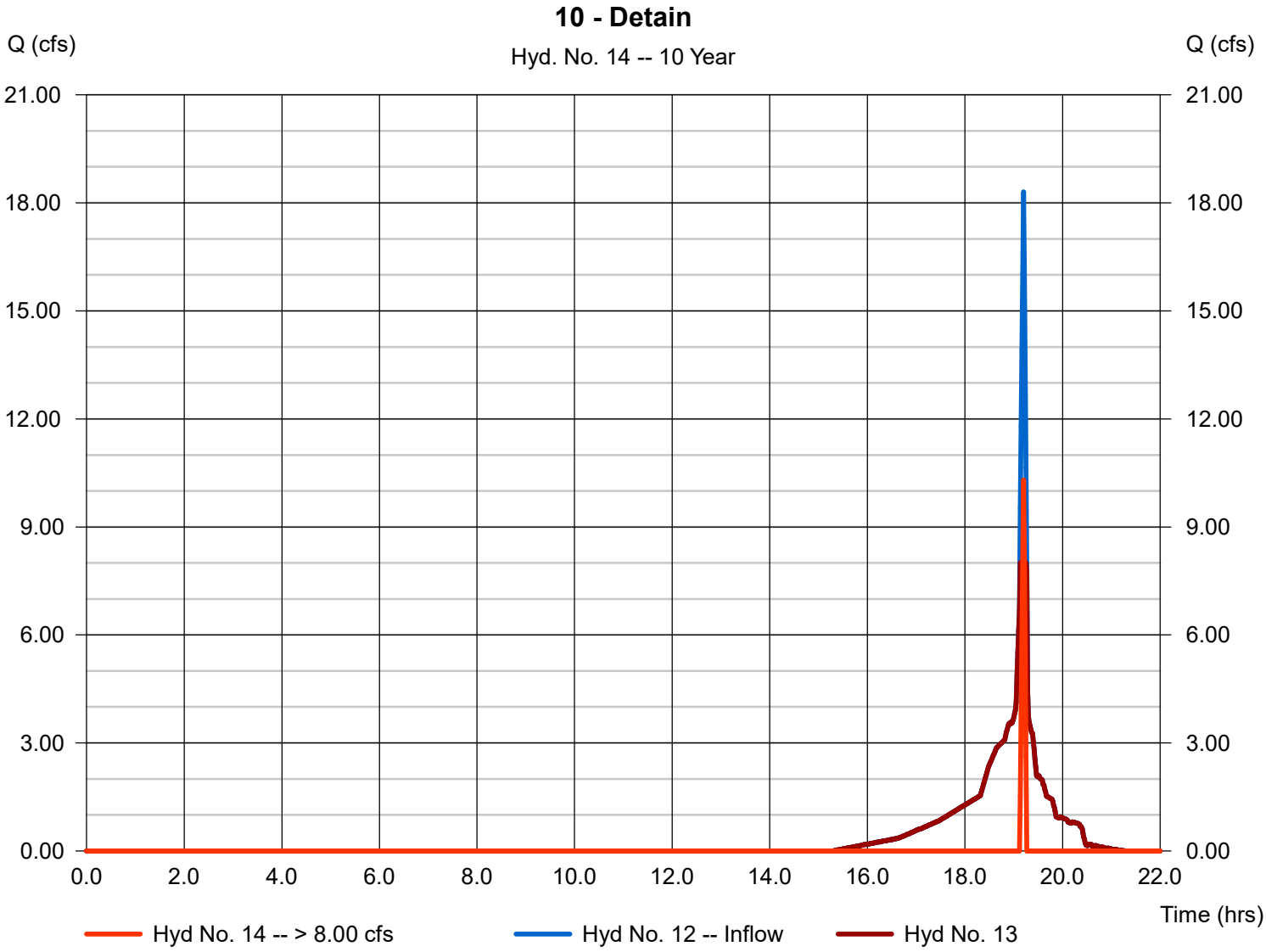
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 14

10 - Detain

Hydrograph type	=	Diversion2	Peak discharge	=	10.30 cfs
Storm frequency	=	10 yrs	Time to peak	=	19.20 hrs
Time interval	=	1 min	Hyd. volume	=	2,749 cuft
Inflow hydrograph	=	12 - 10 - Bypass / Detain	2nd diverted hyd.	=	13
Diversion method	=	Constant Q	Constant Q	=	8.00 cfs



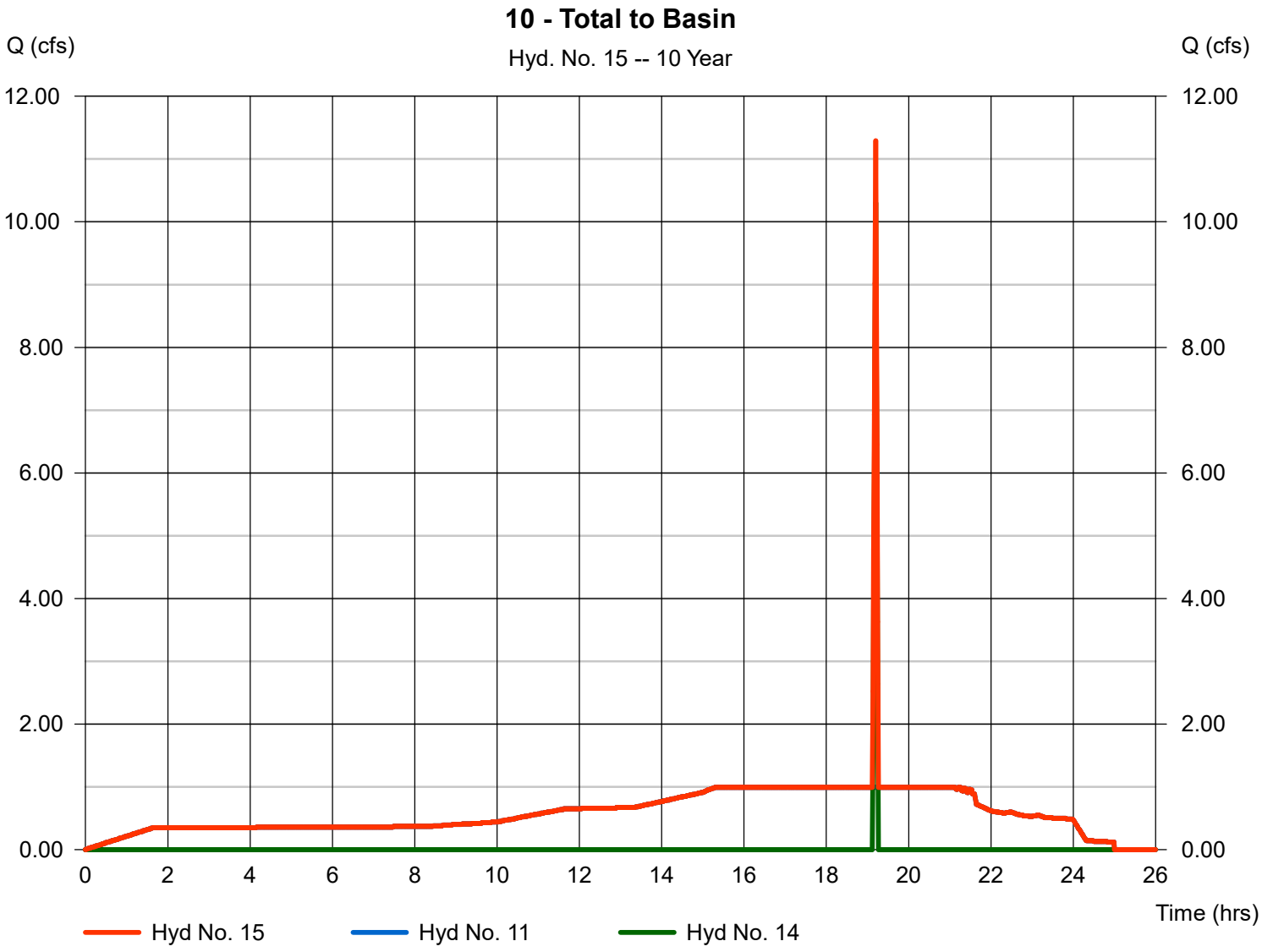
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 15

10 - Total to Basin

Hydrograph type	= Combine	Peak discharge	= 11.29 cfs
Storm frequency	= 10 yrs	Time to peak	= 19.20 hrs
Time interval	= 1 min	Hyd. volume	= 55,818 cuft
Inflow hyds.	= 11, 14	Contrib. drain. area	= 0.000 ac



Hydrograph Report

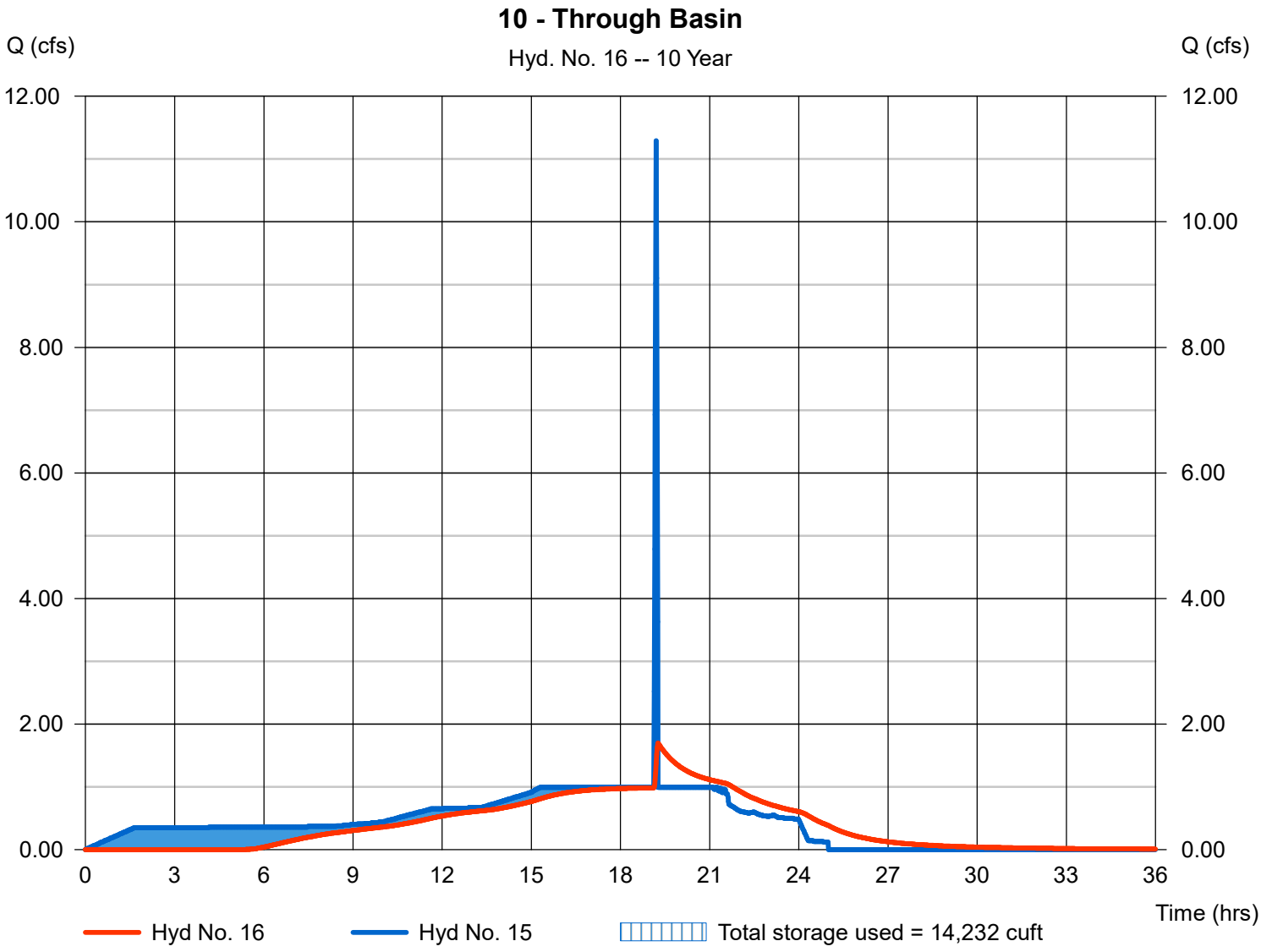
Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 16

10 - Through Basin

Hydrograph type	=	Reservoir	Peak discharge	=	1.698 cfs
Storm frequency	=	10 yrs	Time to peak	=	19.27 hrs
Time interval	=	1 min	Hyd. volume	=	49,951 cuft
Inflow hyd. No.	=	15 - 10 - Total to Basin	Max. Elevation	=	84.45 ft
Reservoir name	=	Detention Basin	Max. Storage	=	14,232 cuft

Storage Indication method used.



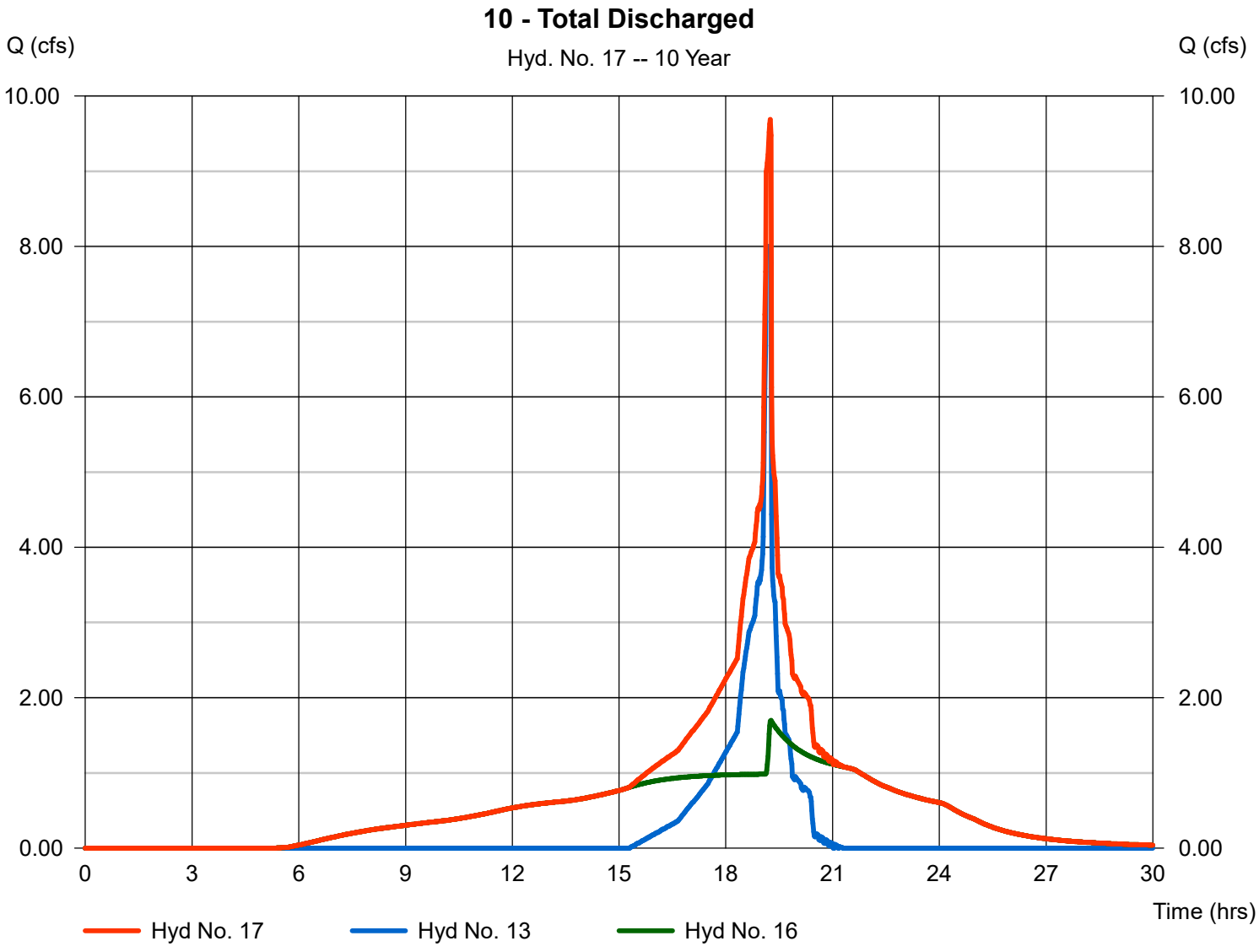
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 17

10 - Total Discharged

Hydrograph type	=	Combine	Peak discharge	=	9.687 cfs
Storm frequency	=	10 yrs	Time to peak	=	19.25 hrs
Time interval	=	1 min	Hyd. volume	=	76,074 cuft
Inflow hyds.	=	13, 16	Contrib. drain. area	=	0.000 ac



Hydrograph Summary Report

Hydraflow Hydrographs by Intelisolve v9.23

Hyd. No.	Hydrograph type (origin)	Peak flow (cfs)	Time interval (min)	Time to peak (min)	Hyd. volume (cuft)	Inflow hyd(s)	Maximum elevation (ft)	Total strge used (cuft)	Hydrograph description
1	Manual	29.29	1	1152	149,475	----	------	------	100 - Proposed - Entire Site
2	Diversion1	0.990	1	1104	70,533	1	------	------	100 - Treatment
3	Diversion2	28.30	1	1152	78,941	1	------	------	100 - Bypass / Detain
4	Diversion1	9.000	1	1141	71,587	3	------	------	100 - Bypass
5	Diversion2	19.30	1	1152	7,354	3	------	------	100 - Detain
6	Combine	20.29	1	1152	77,886	2, 5	------	------	100 - Total to Basin
7	Reservoir	3.044	1	1157	72,011	6	84.71	18,304	100 - Through Basin
8	Combine	12.04	1	1157	143,598	4, 7	------	------	100 - Total Discharged

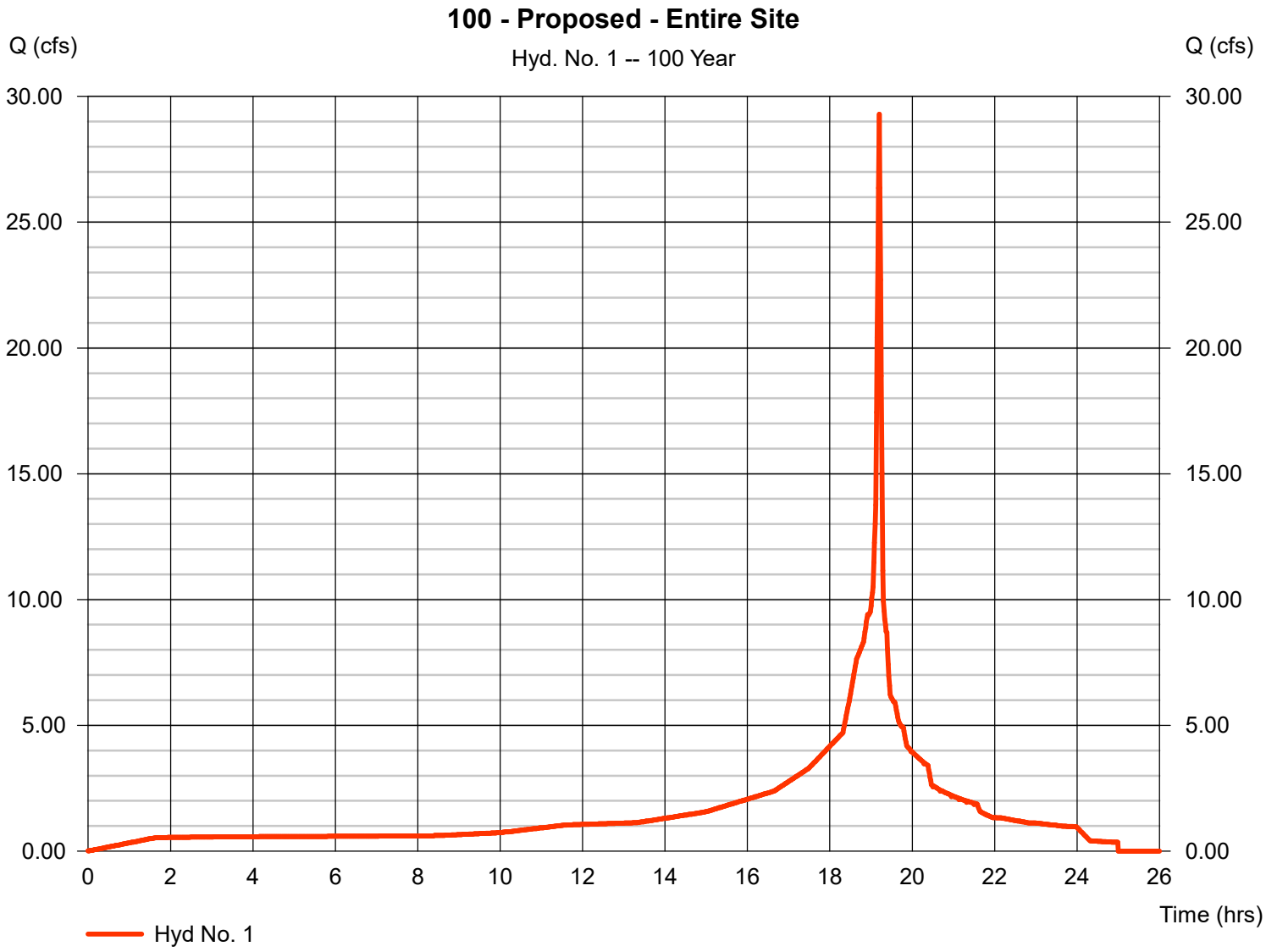
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 1

100 - Proposed - Entire Site

Hydrograph type	= Manual	Peak discharge	= 29.29 cfs
Storm frequency	= 100 yrs	Time to peak	= 19.20 hrs
Time interval	= 1 min	Hyd. volume	= 149,475 cuft



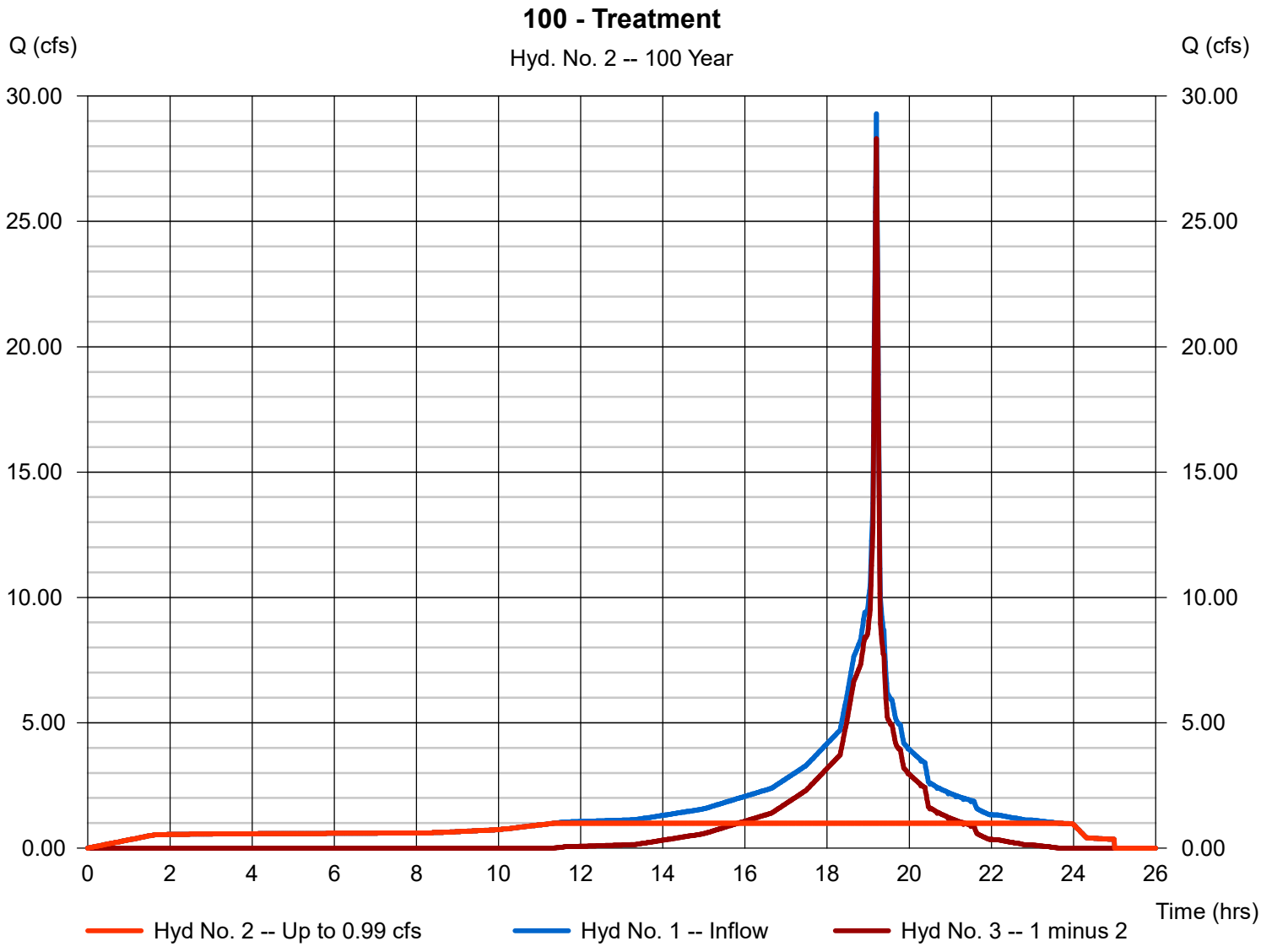
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 2

100 - Treatment

Hydrograph type	=	Diversion1	Peak discharge	=	0.990 cfs
Storm frequency	=	100 yrs	Time to peak	=	18.40 hrs
Time interval	=	1 min	Hyd. volume	=	70,533 cuft
Inflow hydrograph	=	1 - 100 - Proposed - Entire Site	2nd diverted hyd.	=	3
Diversion method	=	Constant Q	Constant Q	=	0.99 cfs



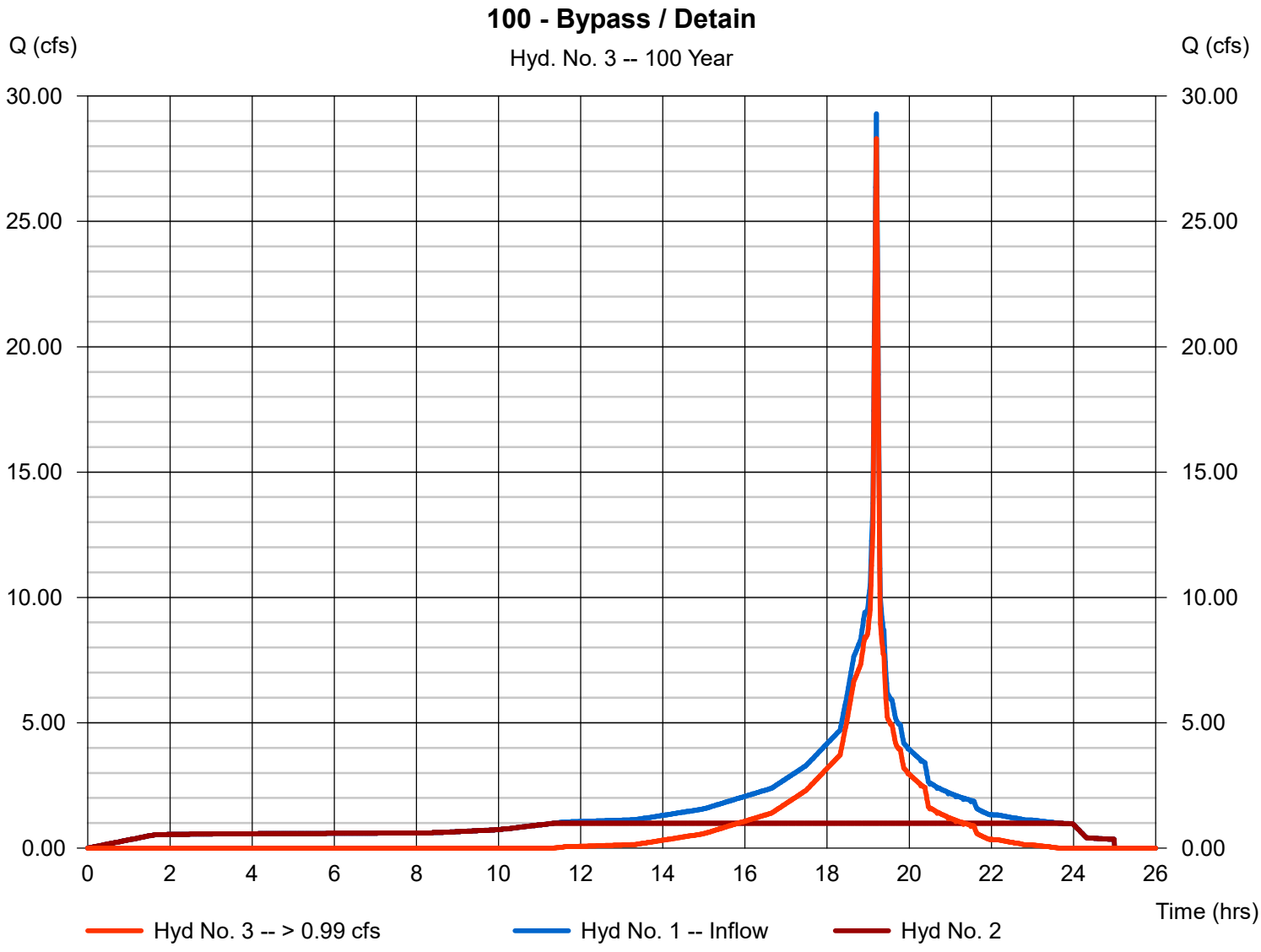
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 3

100 - Bypass / Detain

Hydrograph type	=	Diversion2	Peak discharge	=	28.30 cfs
Storm frequency	=	100 yrs	Time to peak	=	19.20 hrs
Time interval	=	1 min	Hyd. volume	=	78,941 cuft
Inflow hydrograph	=	1 - 100 - Proposed - Entire Site	2nd diverted hyd.	=	2
Diversion method	=	Constant Q	Constant Q	=	0.99 cfs



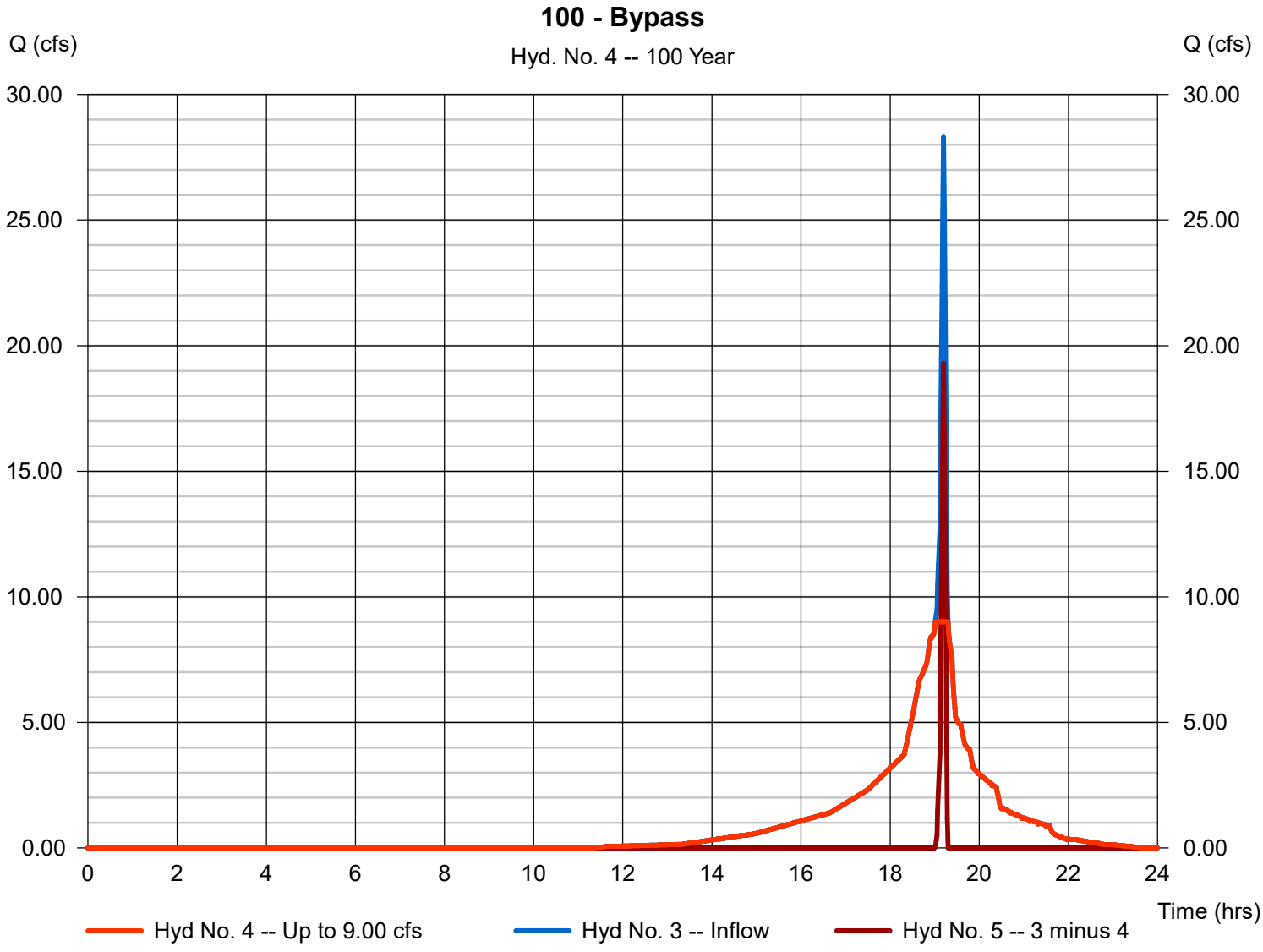
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 4

100 - Bypass

Hydrograph type	=	Diversion1	Peak discharge	=	9.000 cfs
Storm frequency	=	100 yrs	Time to peak	=	19.02 hrs
Time interval	=	1 min	Hyd. volume	=	71,587 cuft
Inflow hydrograph	=	3 - 100 - Bypass / Detain	2nd diverted hyd.	=	5
Diversion method	=	Constant Q	Constant Q	=	9.00 cfs



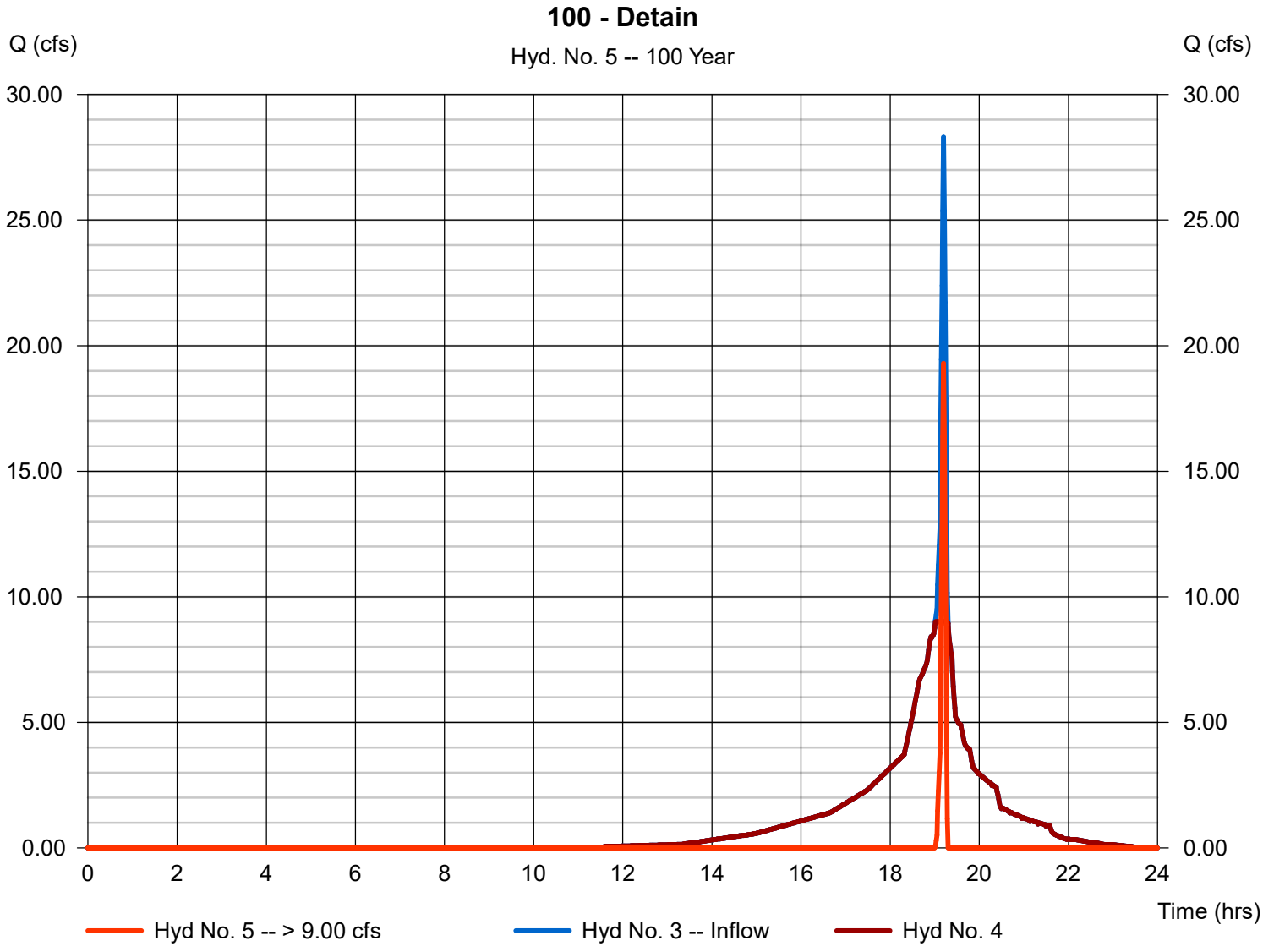
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 — Thursday, Jul 7, 2022

Hyd. No. 5

100 - Detain

Hydrograph type	=	Diversion2	Peak discharge	=	19.30 cfs
Storm frequency	=	100 yrs	Time to peak	=	19.20 hrs
Time interval	=	1 min	Hyd. volume	=	7,354 cuft
Inflow hydrograph	=	3 - 100 - Bypass / Detain	2nd diverted hyd.	=	4
Diversion method	=	Constant Q	Constant Q	=	9.00 cfs



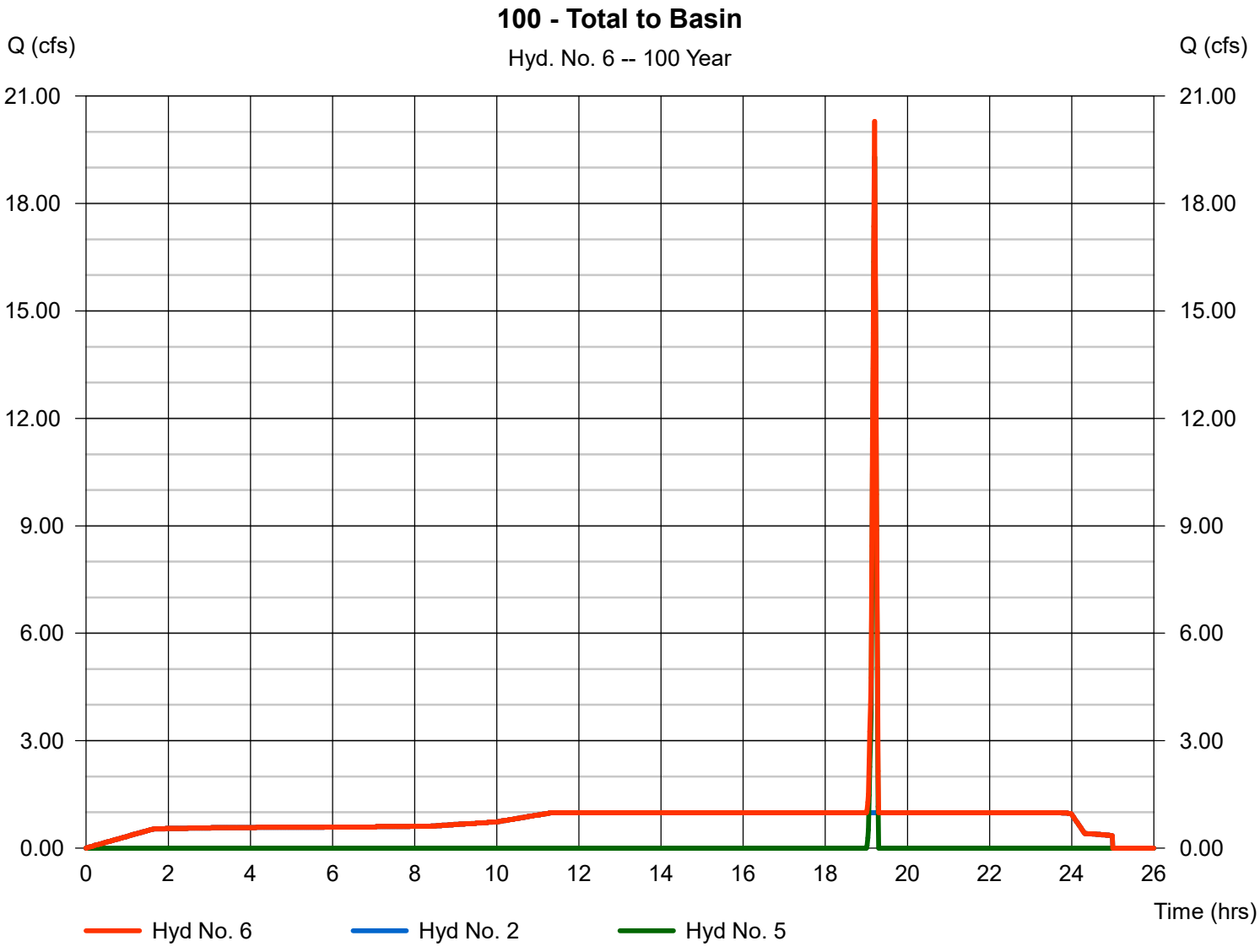
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 6

100 - Total to Basin

Hydrograph type	= Combine	Peak discharge	= 20.29 cfs
Storm frequency	= 100 yrs	Time to peak	= 19.20 hrs
Time interval	= 1 min	Hyd. volume	= 77,886 cuft
Inflow hyds.	= 2, 5	Contrib. drain. area	= 0.000 ac



Hydrograph Report

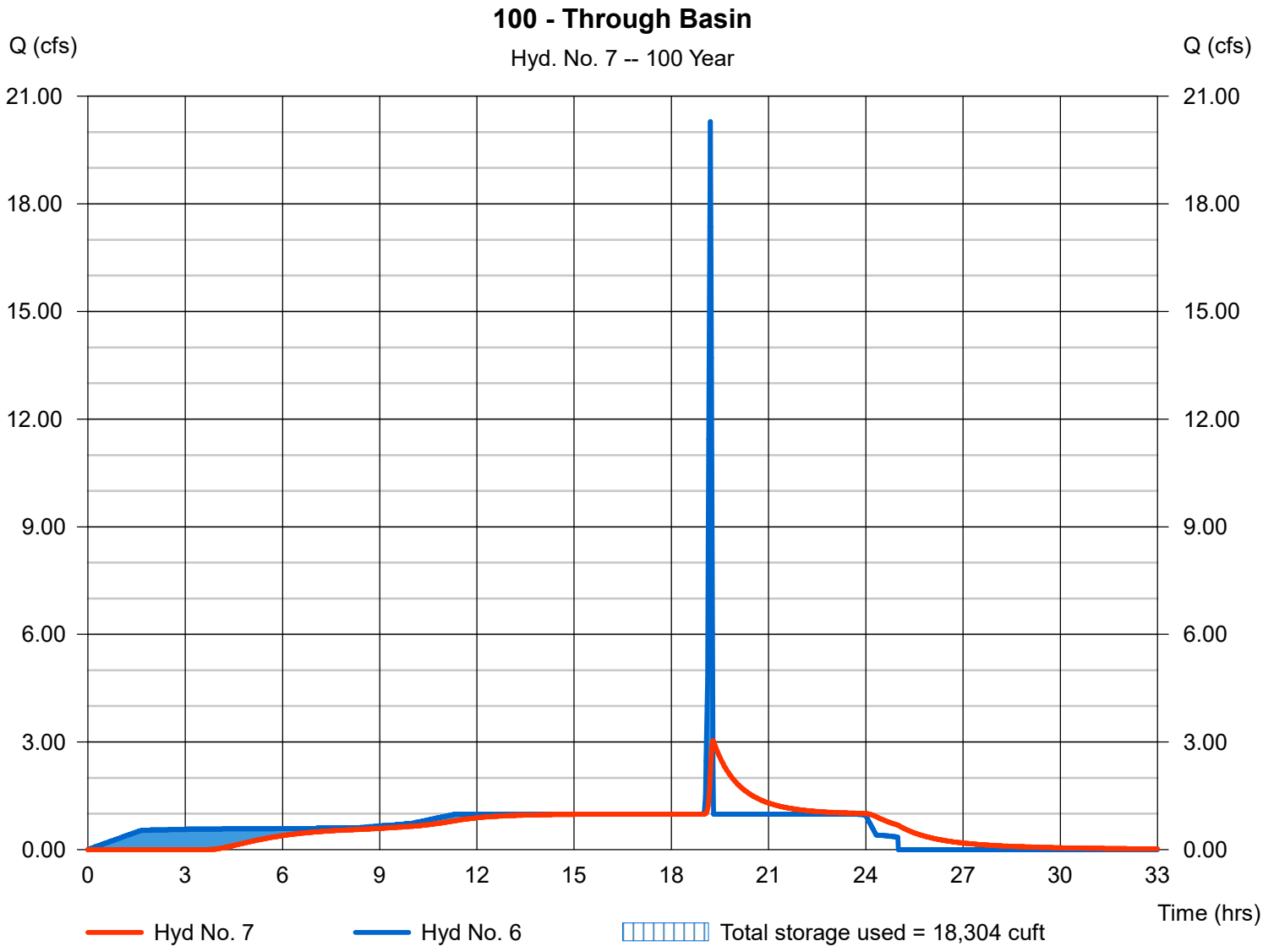
Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 7

100 - Through Basin

Hydrograph type	=	Reservoir	Peak discharge	=	3.044 cfs
Storm frequency	=	100 yrs	Time to peak	=	19.28 hrs
Time interval	=	1 min	Hyd. volume	=	72,011 cuft
Inflow hyd. No.	=	6 - 100 - Total to Basin	Max. Elevation	=	84.71 ft
Reservoir name	=	Detention Basin	Max. Storage	=	18,304 cuft

Storage Indication method used.



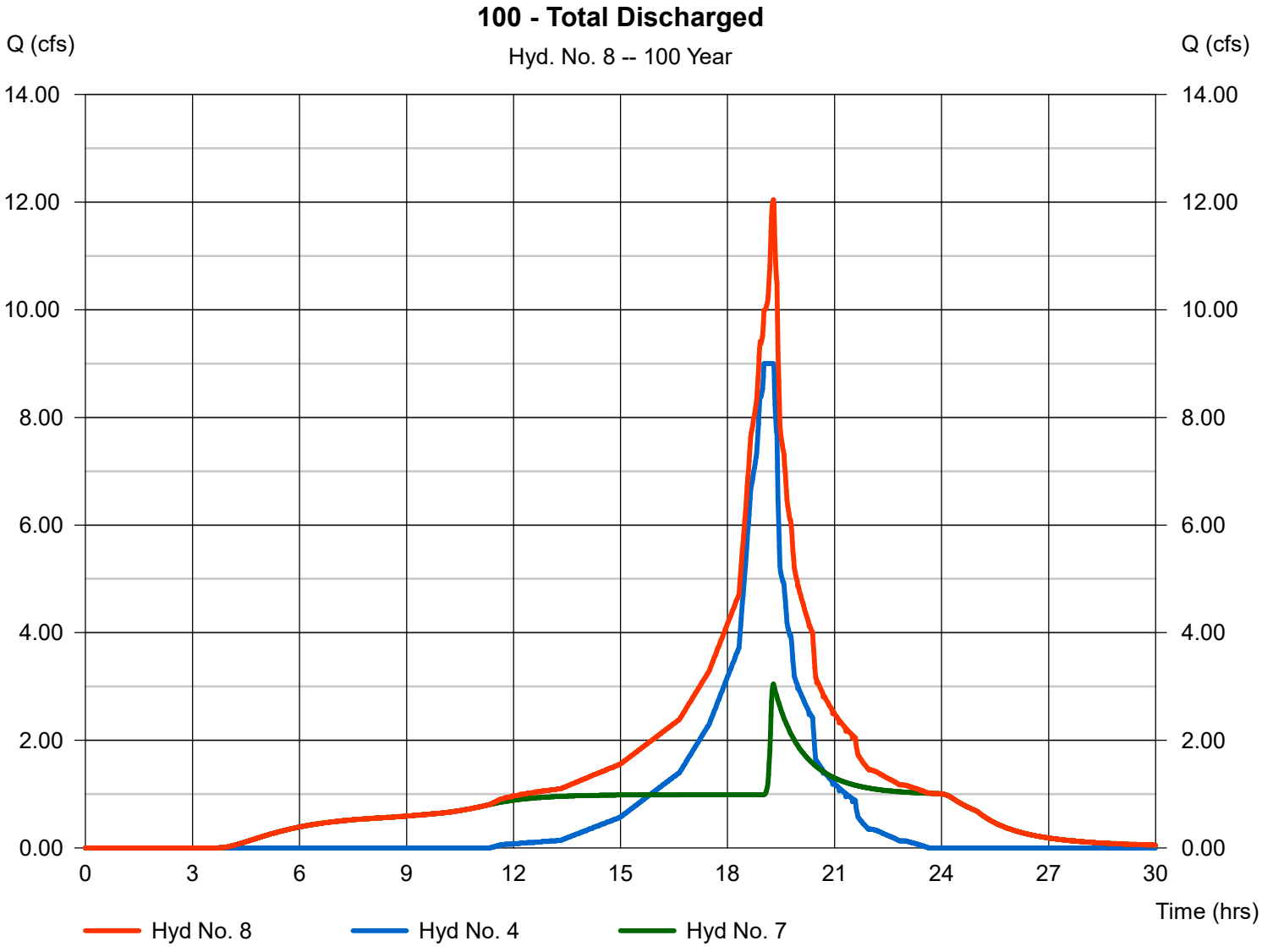
Hydrograph Report

Hydraflow Hydrographs by Intelisolve v9.23 Thursday, Jul 7, 2022

Hyd. No. 8

100 - Total Discharged

Hydrograph type	= Combine	Peak discharge	= 12.04 cfs
Storm frequency	= 100 yrs	Time to peak	= 19.28 hrs
Time interval	= 1 min	Hyd. volume	= 143,598 cuft
Inflow hyds.	= 4, 7	Contrib. drain. area	= 0.000 ac



COUNTY OF VENTURA
(OXNARD SPHERE OF INFLUENCE)

EXISTING RIO DEL VALLE CAMPUS
20.2 ACRES

EXST. PARKING LOT 'B'

PARENT DROP OFF

PROP. SOCCER FIELDS (X2)

PROP. RESTROOMS AND STORAGE 1,900 S.F.

OAK TREES PROTECTED IN PLACE

PED ACCESS GATE

PROP. BASEBALL FIELD

PROPOSED CAMPUS BOUNDARY

ORANGE DRIVE

EXST. DRIVEWAY

EXST. PARKING PARKING LOT 'B'

EXST. GYMNASIUM

PROP. BASKETBALL COURTS (X6)

CITY OF OXNARD SPHERE OF INFLUENCE

96.0 FS

95.1 FS

94.7 FS

93.0 FS

91.0 FS

EMERGENCY ACCESS GATE

DIRT SERVICE/FIRE ROAD

PROP. RESTROOMS

BUS WASH RACK

PROP. PORTABLES

1

2

PROP. LIBRARY 5,400 S.F. FF = 92.0

PROP. MULT PURPOSED BLDG 4,800 S.F. FF = 92.0

A

B

FUTURE PORTABLE CLASSROOM LOCATION (IF NEEDED)

PROP. PE CLASSROOMS 24' x 48' PORTABLES

PROP. PARKING LOT PARKING LOT 'A'

SCHOOL BUS DROP OFF

ENTRY GATE

MAINTENANCE BUILDING 7,500 S.F. FF = 93.5

EXST. BLDG FF = ±94.3

EXST. WATER WELL STATE WELL #02N22W26F02S

PROP. CLASSROOMS (X8) 12,000 S.F. FF = 91.5

FIRE ACCESS ROAD

PROP. LUNCH & PE PLAY FIELD

SOUTH CAMPUS EXPANSION AREA
11.1 ACRES

PROPOSED BUS & DISTRICT VEHICLE PARKING AREA

PROPOSED SAND VOLLEYBALL COURTS (x4)

PROP. JOGGING PATH

EMERGENCY ACCESS GATE

STORM WATER DETENTION/INFILTRATION BASIN AREA = 23,400 S.F. W.S.E. = 88.0

LANDSCAPED BUFFER

16" STEEL PIPE PER C.O.O. DWG 90-321A

8"P.V.C. SEWER PER C.O.O. DWG 99-58A

RATED BY SANTA CLARA WASTE WATER DISTRICT PER C.O.O. DWG 99-58A

EXST. STATE WATER WELL #02N22W26F02S

ROSE AVENUE

42" UWCD WATER MAIN PER C.O.O. DWG 87-187A

CITY OF OXNARD SPHERE OF INFLUENCE

12" PVC WATER PER C.O.O. DWG. 99-58A

COLLINS STREET

OXNARD CITY LIMIT

WATER P.O.C.

PROPOSED DRIVEWAY TO COLLINS STREET

EXISTING SEWER PER C.O.O. DWG NO. 99-58A

OXNARD CITY LIMIT

WATER P.O.C.

PROPOSED DRIVEWAY TO COLLINS STREET

SD TO CONNECT AT AUTO CENTER DRIVE

S=0.0067

S=0.0099

S=0.0063

S=0.0087

S=0.0060

S=0.0062

S=0.0059

S=0.0093

40' 20' 0' 40' 80'

GRAPHIC SCALE: 1"=40'

Jun 14, 2022

JENSEN DESIGN & SURVEY, INC
www.jdsicivil.com
1672 DONLON STREET
VENTURA, CALIF. 93003
PHONE 805/654-6977
FAX 805/654-6979

SCALE: AS NOTED | J.N.: RI001.6207

DATE: 6/14/22 | DWG. NAME: 6207-01-PGP.dwg

PRELIMINARY GRADING PLAN
FOR
RIO DEL VALLE MIDDLE SCHOOL

3100 N. Rose Avenue
City of Oxnard

COUNTY OF VENTURA STATE OF CALIFORNIA

SHEET 1 OF 1

J:\RI001\6207\Planning\Prelim Grading\6207-01-PGP.dwg Jun 14, 2022, 12:46pm dhall

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SEWER PRELIMINARY INVESTIGATION

(RIO DEL VALLE SCHOOL CAMPUS EXPANSION)

3100 N Rose Avenue
Oxnard, CA 93036

prepared for:
Rio School District
Attn: John Puglisi
1800 Solar Drive
Oxnard, CA 93030

prepared by:
Jensen Design & Survey, Inc.
1672 Donlon St.
Ventura, CA 93003

Prepared on:

August 5, 2022

REGISTERED PROFESSIONAL ENGINEER
SUSANNE M COOPER
No. C060448
EXP. 6/30/24
CIVIL
STATE OF CALIFORNIA

8.5.22

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1.0 PROJECT BACKGROUND

1.1 PROJECT DESCRIPTION & LOCATION

Rio School District (RSD) proposes to expand the Rio Del Valle Middle School campus on Rose Avenue by 11.1 acres southerly toward Collins Street. The expansion will include a library and media center, multi-purposed building, new classrooms, maintenance offices, a school bus drop off, additional onsite parking, a bus wash, a lunch play field, four sand volleyball courts, and onsite landscaping.



The property is currently developed with hoop houses and an existing residence. RSD plans to repurpose the residence as offices for maintenance staff.

The project site is currently outside the City of Oxnard's Sphere of Influence, since Collins Street delineates the northerly boundary of the City's service areas (see City of Oxnard Jurisdictional Boundary Map, Appendix 5.1). As part of the project, the expansion area would be annexed into the City of Oxnard and be served by the existing City of Oxnard sewer infrastructure.

1.2 EXISTING & PROPOSED SEWER SYSTEM LAYOUT

Although the existing Rio Del Valle Middle School campus is connected to City sewer, the campus expansion site is currently served by a septic system. The nearest City line is an 8-inch VCP line in Collins Street, adjacent to the southerly boundary of the site. The line runs east in Collins Street and south in Via Estrada before discharging to a 15-inch VCP trunk line in Auto Center Drive at a manhole in the intersection (see City of Oxnard Sewer Atlas Sheet R-14, Appendix 5.2).

Sewer for the project site will be served by the City of Oxnard. A new sewer connection will be made to the 8-inch line in Collins Street, as shown in the attached Preliminary Grading Plan (Appendix 5.5).

1.3 REPORT OBJECTIVE

This study will assess existing and proposed sewer loading associated with the Rio Del Valle Middle School expansion. It will also demonstrate that the proposed development meets City of Oxnard design standards and capacity criteria.

2.0 EXISTING & PROPOSED SEWER GENERATION

2.1 EXISTING SEWER FLOW RATES

The existing residence on the 11.1-acre expansion area is served by a septic system and does not contribute to the City of Oxnard sewer collection system.

2.2 PROPOSED SEWER FLOW RATES

Proposed average sewer generation is estimated as a factor of the site's water demand. Water demand was calculated in the Proposed Rio Del Valle School Expansion Domestic Water Demand and Allocations Technical Memorandum prepared by Jensen Design & Survey, Inc. and dated August 2, 2022.Table 1 below shows the expected water demands for the site's wastewater-producing sources.

Per the City's Wastewater Rate Sheet effective September 1, 2021 (Appendix 5.3), schools are charged assuming an 85 percent rate of water return. Therefore, we estimate that wastewater flows generated by domestic metered project site areas will be 85 percent of their water demands.

A bus wash is proposed as part of the campus expansion. Although RSD will be required to recycle wash water, some wastewater is expected from maintenance activities such as back flushing filters. It is estimated that 25 percent of bus wash water demand will discharge to the City's sewer system.

Based on the assumptions described, proposed sewer generation is summarized in Table 1.

Table 1. Projected Sewer Generation

	Water Demand	Rate of Return	Wastewater Production
	(AFY)	(%)	(AFY)
Buildings (Full Build-Out)	4.873	85%	4.142
Bus Wash	4.787	25%	1.197
Total	**9.660**		**5.339**
			4,766 gpd

3.0 SEWER CAPACITY

3.1 EVALUATION CRITERIA

Design criteria is from the City of Oxnard's Wastewater Master Plan Update (2008). Section 4.3.1 indicates the following design criteria for gravity mains:

Manning's n	0.0135
Peak Wet Weather Flow, Max depth/diameter ratio, d/D (pipes 10" and smaller)	0.5
Peak Wet Weather Flow, Max depth/diameter ratio, d/D (pipes over 10")	0.67

To convert the average flow from Table 1 above to peak wet weather flow, a duty factor from Table 4-2 of the Wastewater Master Plan Update was applied (600 gpad for schools). For the 11.1-acre site, an additional 6,660 gpd shall be considered, resulting in a peak wet weather flow (Qpww) of 11,426 gpd (0.018 cfs).

3.2 SEWER FLOW IMPACT

According to the City of Oxnard Wastewater Master Plan Update, the 15-inch line in Auto Center Drive has sufficient capacity to meet hydraulic requirements for its projected ultimate demand. The 8-inch main upstream in Via Estrada and Collins Street was not evaluated as part of the study. Additionally, the project site falls outside of the Master Plan Update Study Area and therefore was not considered a potential contributor to the City's wastewater system.

The increase in sewer flow due to the proposed campus expansion was analyzed to show its impact on existing infrastructure. It was assumed that the sewer main is at the maximum acceptable depth/diameter ratio for peak flows in the existing condition. The increase in sewer flow created by the proposed expansion was compared to the assumed existing condition flowrate. Pipe capacity analysis results are included in Appendix 5.4, and Table 2 below summarizes the results.

Table 2. Impact of Improvements on Peak Wet Weather Flows

Sewer Main Size	Max Flow Depth, Qpww	Qpww	Additional Qpww	Increase in Qpww	Proposed Max Flow Depth, Qpww
(in)	(in)	(cfs)	(cfs)	(%)	(in)
8	4.0	0.343	0.018	5.0	4.0
15	10.0	1.911	0.018	0.9	10.0

The increased flows do not produce a measurable increase in maximum flow depth. Therefore, the d/D ratio will not increase during peak wet weather flows, even if the existing condition is already at the maximum d/D ratio.

4.0 CONCLUSION

The existing 8-inch sewer line that the proposed site will connect to, as well as the 15-inch trunk line immediately downstream, meet City of Oxnard standards and capacity criteria. They are sufficiently sized to accommodate the needs of the Rio Del Valle Middle School expansion.

5.0 APPENDICES

5.1 CITY OF OXNARD JURISDICTIONAL BOUNDARIES MAP

5.2 SEWER ATLAS R-14

5.3 CITY OF OXNARD WASTEWATER RATE TABLE

5.4 PIPE CAPACITY ANALYSIS

5.5 RIO DEL VALLE MIDDLE SCHOOL EXPANSION SITE PLAN

5.1 CITY OF OXNARD JURISDICTIONAL BOUNDARIES MAP

City Of Oxnard Jurisdictional Boundaries Map

CITY OF OXNARD CALIFORNIA

Planning Area Boundary

COUNTY OF VENTURA

City of San Buenaventura

Oxnard-Camarillo Greenbelt

Coastal Zone Boundary

Sphere of Influence

CURB

Airport Sphere

Oxnard-Ventura Greenbelt

Vineyard Av

Rose Av

Central Av

Santa Clara Av

101 Fwy

W Vineyard Av

N Ventura Rd

W Gonzales Rd

E Gonzales Rd

N Oxnard Bl

N Rice Av

N Del Norte Bl

City of Camarillo

N Harbor Bl

OXNARD AIRPORT

OXNARD

Sturgis Rd

E Fifth St

Ventura Rd

W Wooley Rd

E Wooley Rd

Saviers Rd

S Oxnard Bl

S Rice Av

Oxnard-Camarillo Greenbelt

W Channel Islands Bl

E Pleasant Valley Rd

Planning Area Boundary

U.S. Naval Base Ventura County Port Hueneme

Hwy One

Oxnard City Limits

W Hueneme Rd

E Hueneme Rd

Ormond Beach Wetland

Point Mugu Naval Air Station Naval Base Ventura County

Jurisdictional Boundaries

Formal planning and jurisdiction boundaries described below define geographic aspects of the 2030 General Plan.

Oxnard Planning Area/Oxnard Area of Interest
Established by the City of Oxnard, the Planning Area includes unincorporated areas surrounding the City that have a relation to the City's existing and future development. It is the same area as used in the 2020 General Plan and the same as the Area of Interest, with the addition of the Point Mugu Naval Air Station area.

Area of Interest
Areas of Interest were adopted by the Ventura County Local Agency Formation Commission (LAFCO) to define major geographic areas where only one incorporated city is permitted. Significant development proposals in the unincorporated areas of the Oxnard Area of Interest are referred by Ventura County to the City of Oxnard for review.

Oxnard Sphere of Influence
The Oxnard Sphere of Influence (SOI) was determined by the Ventura LAFCO on June 8, 1983 (amended June 2000) as the probable future physical boundaries and service areas of the City. The SOI is 29.9 square miles. The SOI may be amended with the approval of LAFCO.

City Urban Restriction Boundary (CURB) and City Buffer Boundary (CBB)
In 1998, the voters of the City of Oxnard adopted the SOAR (Save Open Space and Agricultural Resources) initiative establishing the City Urban Restriction Boundary (CURB) and re-designating as "Agriculture (AG)" all land previously designated "Agricultural Planning Reserve (AG/PR)." CURB defines the urban development boundary for the City of Oxnard until December 31, 2020. The SOAR initiative also established a City Buffer Boundary (CBB) which lies outside of the CURB line and is coterminous with the Oxnard Area of Interest. Change to the CURB line or an agricultural land use designation within the CBB generally requires majority approval of Oxnard voters, with certain exceptions, including but not limited to an exception to allow up to 20 acres per year to be brought into the CURB for affordable housing needed to meet the City's Regional Housing Needs Assessment (RHNA) target production.

N

CITY OF OXNARD CALIFORNIA

Miles

0 1/2 1 2

Boundaries

- Oxnard Planning Area
- Sphere Of Influence
- City Urban Restriction Boundary (1998 CURB)
- City Limits
- Coastal Zone
- Oxnard Airport Sphere of Influence

Map for illustrative purposes only. The City does not warrant the accuracy of these maps, and no decision involving a risk of injury or economic loss should be made in reliance thereon.

CREATED BY: SALVADOR MANCHA

MAP REVISED: 04.14.2014

5.2 SEWER ATLAS R-14

RIO DEL VALLE

ELEMENTARY

SCHOOL

N ROSE AV

N ROSE AV

SANTA CLARA WASTE WATER CO.

F.M.

60-71 B SHT # 9

10" CIP

45'

BUA15
FL1=81.16'
C=7.24'

8" VCP

330'

COLLINS ST

350'

15 '

BUA14
FL1=79.76'
C=6.84'

8" VCP

350'

86-94 A SHT # 42

BUA13
FL1=78.36'
C=8.24'

8" VCP

350'

15 '

BUA12
FL2=76.77' (NW)
FL1=76.57' (SE)
C=9.23'

8" VCP

306'

86-94 A SHT # 41

BUA11
FL2=73.36' (NW)
FL1=75.16' (SW)
C=8.84'

8" VCP

90'

184'

86-94 A SHT #40

BUA10
FL2=74.55' (NE)
FL1=74.35'
C=7.85'

VIA ESTRADA

15 '

347'

60'

15" VCP

197'

BU+26
FL1=75.03'
FL2=75.13' (NE)
C=6.27'

CASING

265'

12" VCP

160'

BU+27
FL1=73.56'
C=7.89'

12" VCP

300'

CASING

100'

BU+28
FL1=74.16'
C=6.87'

AUTO CENTER DR

12" VCP

300'

BU+29
FL1=74.75'
C=8.18'

33 '

86-94 A SHT # 33

12" VCP

240'

250'

BU+30
FL1=75.23'
C=7.37'

10" VCP

177'

CASING

8" VCP

273'

BU+31
FL1=75.67'
FL2=75.77' (S)
C=7.48'

33 '

BU+32
FL1=76.57'
C=9.11'

AUTO CENTER DR

86-94 A SHT # 34

60-71 B SHT # 9

F.M.

VENTURA BL

8" VCP

253'

BUA16
FL1=76.65'

8" VCP

222'

1907196.52 N

6211875.47 E

SEE MAP Q-14

SEE MAP S-14

SEE MAP R-15

R-14	City of Oxnard	0 160 320 FEET	SEWER ATLAS	DATUM NOTE: ALL ELEVATIONS ARE ON CITY OF OXNARD DATUM UNLESS OTHERWISE SHOWN. AN ASTERISK (*) INDICATES N.G.V. DATUM.	October 2009		R-14

5.3 CITY OF OXNARD WASTEWATER RATE TABLE

CITY OF OXNARD WATER AND WASTEWATER RATES

Effective September 1, 2021, respective utility rates have been reduced to reflect the temporaty removal of the Infrastructure Use Fee from rates, as approved by Council

FOR UTILITY BILLING CALL 805-385-7816

WATER RATES AND CHARGES - EFFECTIVE SEPTEMBER 1, 2021

(monthly bill consists of monthly fixed charge + volume charge)

MONTHLY FIXED CHARGE

(includes .50 Water Resource Fee + 1.24 Security & Contamination Prevention Fee)

METER SIZE	3/4"	1"	1.5"	2.0"	3.0"	4.0"	6.0"	8.0"	10.0"
Single Family	$20.60	$32.14	$60.76	$95.25	$204.56	$348.18	$721.80	$1,037.83	$1,670.07
Multi-Family	$18.87	$29.26	$55.02	$86.05	$184.44	$313.69	$649.95	$934.38	$1,503.40
Commercial	$15.42	$23.50	$43.54	$67.68	$144.20	$244.73	$506.26	$727.49	$1,170.06
Industrial	$15.42	$23.50	$43.54	$67.68	$144.20	$244.73	$506.26	$727.49	$1,170.06
Irrigation	$15.42	$23.50	$43.54	$67.68	$144.20	$244.73	$506.26	$727.49	$1,170.06
Oceanview Commercial	$20.60	$32.14	$60.76	$95.25					
Oceanview Agricultural					$144.20	$244.73	$506.26	$727.49	$1,170.06
Fireline	$3.66	$4.95	$8.13	$11.96	$24.10	$40.07	$81.59	$116.71	$186.98
Construction (metered) (1)	$23.50				$144.20				
Construction (non-metered)	$37.85	$68.28	$155.29	$290.93					
Deposits	*$44.00*	*$65.00*	*$120.00*	*$185.00*	*(2)*	*(2)*	*(2)*	*(2)*	*(2)*

VOLUME CHARGE PER 100 CUBIC FEET (HCF) = 748.05 GALLONS

CUSTOMER CLASS						
Single Family	0-9	$3.31	>9-15	$5.08	>15	$6.05
Multi-Family - per unit	0-8	$3.53	>8	$5.67		
Commercial & Industrial (2" meter or smaller)	0-62	$3.22	>62	$5.68		
Commercial & Industrial (3" meter or larger)	Uniform Rate of $4.47 per HCF					
Irrigation (2" meter or smaller)	0-24	$3.32	>24	$5.91		
Irrigation (3" meter or larger)	Uniform Rate of $5.08 per HCF					
Oceanview Commercial	0-9	$3.31	>9-15	$5.08	>15	$6.05
Oceanview Agricultural	Uniform Rate of $1.16 per HCF					
Construction (metered) (1)	Uniform Rate of $4.47 per HCF					

(1) Metered Construction (Fire Hydrant) Fees: Installation $100, Deposit 1 or 3" Meter $850, Fire Hydrant Meter Move $65

(2) Deposit for meter >2.0" is an amount approximately one-month minimum bill but not less than $205

***Miscellaneous Charges**: Meter Install Fee $120, Turn Off Fee $80 (+$65 After Hours Turn On), Turn Off Notice Fee $13, Broken Lock Fee $12, Returned Check Fee $20*

RECYCLED WATER

In-Lieu Irrigation	Uniform Rate of $3.40 per HCF	***Note:** Not available for residential use*
In-Lieu Commercial/Industrial	Uniform Rate of $3.23 per HCF	

WASTEWATER RATES AND CHARGES - EFFECTIVE SEPTEMBER 1, 2021

(monthly bill consists of base rate charge + volume rate of return charge)

MONTHLY BASE RATE

Single Family	$35.79	
Multi-Family	Each of 1st 6 Units = $26.19	7+ Units = $13.06
Outside City-Residential	$92.54	
Outside City-Multi-Family	$64.59	
Non-Metered	$61.42	

VOLUME CHARGE PER HCF (RATE OF WATER RETURN %)

Single Family (80%)	0-9	$2.35	>9-18	$2.62	>18	$3.63
Single Family Large Lots (60%)	0-16	$2.35	>16-25	$2.62	>25	$3.63
Multi-Family - per unit (90%)	0-6	$1.91	>6-12	$2.13	>12	$2.97
Commercial (85%)	Minimum Monthly Fee $23.77 *OR* whichever is greater					
	0-50	$4.19	>50-930	$5.23	>930	10.43
School (85%)	Minimum Monthly Fee $83.42 *OR* whichever is greater					
	0-50	$4.19	>50-930	$5.23	>930	$10.43
Restaurant (80%)	Minimum Monthly Fee $22.07 *OR* whichever is greater					
	0-20	$4.19	>20-160	$5.23	>160	$10.43
Laundry (90%)	Minimum Monthly Fee 109.35 *OR* whichever is greater					
	0-105	$4.19	>105-525	$4.63	>525	$5.77
Las Posas Commercial	0-50	$7.60	>50-930	$9.47	>930	$18.91

MONTHLY RATES FOR USER CHARGE FORMULA

Wastewater Discharge/Millions of Gallons: p= $3,655.42

Biological Oxygen Demand (BOD) Discharge/Thousands of lbs: q= $832.95

Suspended Solids (SS) Discharge/Thousands of lbs: r= $658.75

WATER LEAKS OR OTHER SERVICE ISSUES CALL 805-385-8136 ~ WASTEWATER ODOR OR OTHER SERVICE ISSUES CALL 805-385-3517

5.4 PIPE CAPACITY ANALYSIS

Channel Report

Project filename: 6207 Pipe Capacity Analysis.stx

Studio Express by Hydrology Studio v 1.0.0.0

07-14-2022

8" SS (EX)

Channel 1

CIRCULAR PIPE

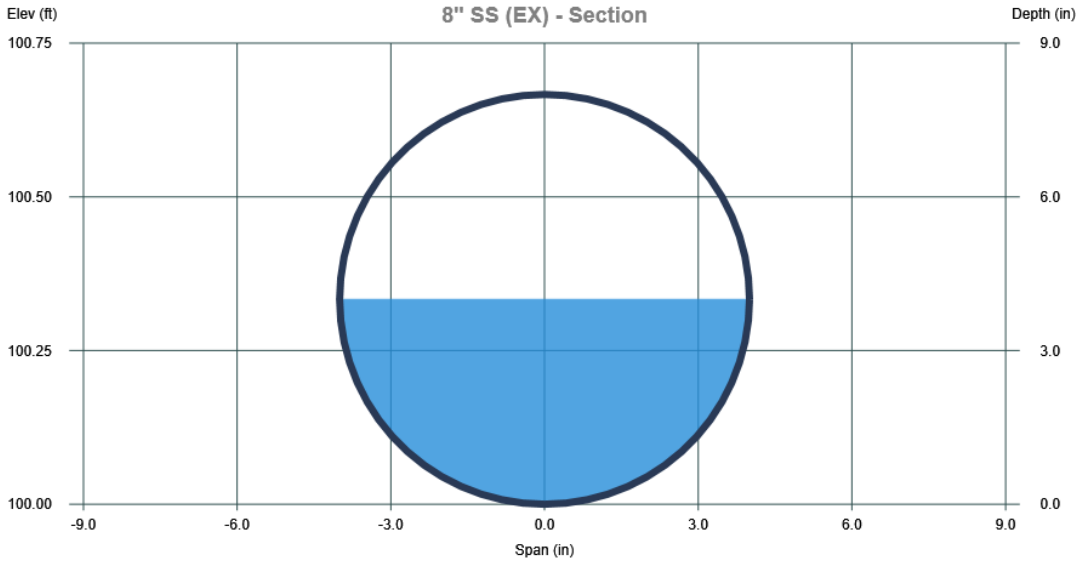
Diameter	= 8.0 in
Invert Elevation	= 100.00 ft
Pipe Slope	= 0.400 %
Manning's n	= 0.014

DISCHARGE

Method	= Known Q
Known Q	= 0.34 cfs

CALCULATION SAMPLE

Flow	Depth	Area	Velocity	WP	n-value	Crit Depth	HGL	EGL	Max Shear	Top Width
(cfs)	(in)	(sqft)	(ft/s)	(ft)		(in)	(ft)	(ft)	(lb/sqft)	(ft)
0.34	4.0	0.17	1.99	1.04	0.014	3.4	100.3	100.39	0.08	0.67



Channel Report

Project filename: 6207 Pipe Capacity Analysis.stx

Studio Express by Hydrology Studio v 1.0.0.0

07-14-2022

8" SS (PROP)

Channel 2

CIRCULAR PIPE

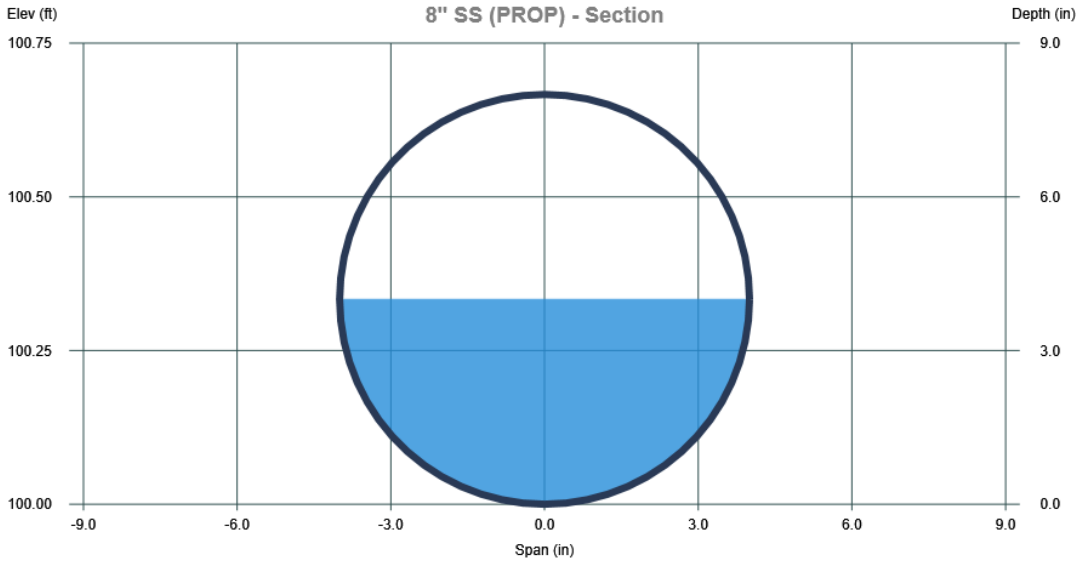
Diameter	= 8.0 in
Invert Elevation	= 100.00 ft
Pipe Slope	= 0.400 %
Manning's n	= 0.014

DISCHARGE

Method	= Known Q
Known Q	= 0.36 cfs

CALCULATION SAMPLE

Flow	Depth	Area	Velocity	WP	n-value	Crit Depth	HGL	EGL	Max Shear	Top Width
(cfs)	(in)	(sqft)	(ft/s)	(ft)		(in)	(ft)	(ft)	(lb/sqft)	(ft)
0.36	4.0	0.17	2.10	1.04	0.014	3.4	100.3	100.40	0.08	0.67



Channel Report

Project filename: 6207 Pipe Capacity Analysis.stx

Studio Express by Hydrology Studio v 1.0.0.0

07-14-2022

15" SS (EX)

Channel 3

CIRCULAR PIPE

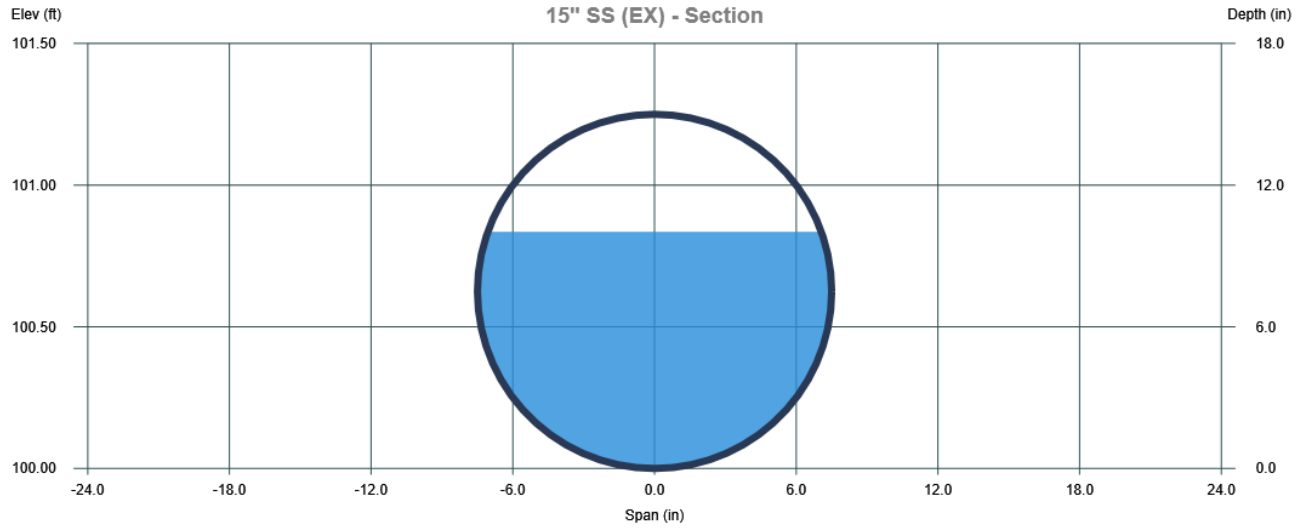
Diameter	= 15.0 in
Invert Elevation	= 100.00 ft
Pipe Slope	= 0.160 %
Manning's n	= 0.014

DISCHARGE

Method	= Known Q
Known Q	= 1.91 cfs

CALCULATION SAMPLE

Flow	Depth	Area	Velocity	WP	n-value	Crit Depth	HGL	EGL	Max Shear	Top Width
(cfs)	(in)	(sqft)	(ft/s)	(ft)		(in)	(ft)	(ft)	(lb/sqft)	(ft)
1.91	10.0	0.87	2.21	2.38	0.014	6.7	100.8	100.91	0.08	1.18



Channel Report

Project filename: 6207 Pipe Capacity Analysis.stx

Studio Express by Hydrology Studio v 1.0.0.0

07-14-2022

15" SS (PROP)

Channel 4

CIRCULAR PIPE

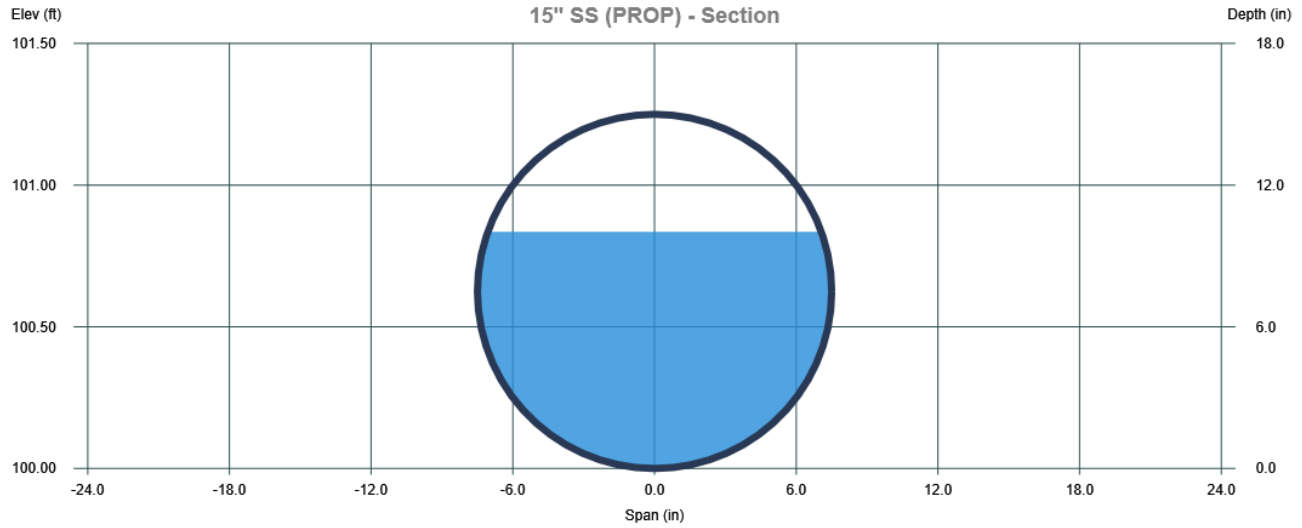
Diameter	= 15.0 in
Invert Elevation	= 100.00 ft
Pipe Slope	= 0.160 %
Manning's n	= 0.014

DISCHARGE

Method	= Known Q
Known Q	= 1.93 cfs

CALCULATION SAMPLE

Flow	Depth	Area	Velocity	WP	n-value	Crit Depth	HGL	EGL	Max Shear	Top Width
(cfs)	(in)	(sqft)	(ft/s)	(ft)		(in)	(ft)	(ft)	(lb/sqft)	(ft)
1.93	10.0	0.87	2.23	2.38	0.014	6.7	100.8	100.91	0.08	1.18



5.5 RIO DEL VALLE MIDDLE SCHOOL EXPANSION PRELIMINARY GRADING PLAN

EXISTING RIO DEL VALLE CAMPUS
20.2 ACRES

COUNTY OF VENTURA
(OXNARD SPHERE OF INFLUENCE)

ORANGE DRIVE

EXST. DRIVEWAY

EXST. PARKING LOT 'B'

PARENT DROP OFF

EXST. PARKING
PARKING LOT 'B'

EXST. GYMNASIUM

PED ACCESS GATE

PROP. SOCCER FIELDS
(X2)

PROP. RESTROOMS
AND STORAGE
1,900 S.F.

OAK TREES
PROTECTED
IN PLACE

PROP. BASEBALL
FIELD

PROPOSED
CAMPUS
BOUNDARY

PROP. BASKETBALL COURTS
(X6)

CITY OF OXNARD
SPHERE OF INFLUENCE

96.0
FS

95.1
FS

94.7
FS

93.0
FS

91.0
FS

EMERGENCY
ACCESS GATE

DIRT SERVICE/FIRE ROAD

PROP. RESTROOMS

BUS WASH
RACK

PROP. PORTABLES

1

2

PROP. LIBRARY
5,400 S.F.
FF = 92.0

PROP. MULTI PURPOSED BLDG
5,400 S.F.
FF = 92.0

A

B

FUTURE PORTABLE
CLASSROOM LOCATION
(IF NEEDED)

PROP. PE CLASSROOMS
24' x 48' PORTABLES

PROP. PARKING LOT
PARKING LOT 'A'

SCHOOL BUS DROP OFF

ENTRY GATE

MAINTENANCE BUILDING
7,500 S.F.
FF = 93.5

EXST. BLDG
FF = ±94.3

EXST. WATER WELL
STATE WELL #02N22W26F02S

PROP. CLASSROOMS (X8)
12,000 S.F.
FF = 91.5

FIRE ACCESS
ROAD

PROP. LUNCH &
PE PLAY FIELD

SOUTH CAMPUS EXPANSION AREA
11.1 ACRES

PROPOSED BUS &
DISTRICT VEHICLE PARKING
AREA

PROPOSED SAND
VOLLEYBALL COURTS (x4)

PROP. JOGGING
PATH

STORM WATER
DETENTION/INFILTRATION BASIN
AREA = 23,400 S.F.
W.S.E. = 88.0

EMERGENCY
ACCESS GATE

91.0 FS
(88.0 FS)

LANDSCAPED BUFFER

16" STEEL PIPE PER C.O.O. DWG 90-321A

8"P.V.C. SEWER PER C.O.O. DWG 99-58A

RATED BY SANTA CLARA WASTE WATER DISTRICT PER C.O.O. DWG 99-58A

EXST. STATE WATER
WELL #02N22W26F02S

ROSE AVENUE

42" UWCD WATER MAIN PER C.O.O. DWG 87-187A

CITY OF OXNARD
SPHERE OF INFLUENCE

12" PVC WATER PER C.O.O. DWG. 99-58A

COLLINS STREET

OXNARD CITY LIMIT

WATER P.O.C.

PROPOSED DRIVEWAY
TO COLLINS STREET

SEWER P.O.C.

EXISTING SEWER PER C.O.O. DWG NO. 99-58A

OXNARD CITY LIMIT

PROPOSED DRIVEWAY
TO COLLINS STREET

SD TO CONNECT AT
AUTO CENTER DRIVE

S=0.0067

S=0.0078

S=0.0050

S=0.0060

S=0.0063

S=0.0087

53'

30'

25'

24'

14'

15'

40' 20' 0' 40' 80'

GRAPHIC SCALE: 1"=40'

Jul 14, 2022

J:\R01\6207\Planning\Prelim Grading\6207-01-PGP.dwg Jul 14, 2022, 3:08pm tenorio

JENSEN DESIGN & SURVEY, INC
www.jdsinvil.com
1672 DONLON STREET
VENTURA, CALIF. 93003
PHONE 805/654-6977
FAX 805/654-6979

SCALE: AS NOTED | J.N.: R1001.6207

DATE: 7/14/22 | DWG. NAME: 6207-01-PGP.dwg

PRELIMINARY GRADING PLAN
FOR
RIO DEL VALLE MIDDLE SCHOOL

3100 N. Rose Avenue
City of Oxnard

COUNTY OF VENTURA STATE OF CALIFORNIA

SHEET 1 OF 1

JENSEN DESIGN & SURVEY, INC.
Delivering excellence through experience

1672 Donlon Street
Ventura, CA 93003
Local 805 654-6977
Fax 805 654-6979
www.jdscivil.com

RIO01.6207
August 2, 2022

TECHNICAL MEMORANDUM

RE: Proposed Rio Del Valle School Expansion Domestic Water Demand and Allocations

To Whom It May concern,

The Rio Del Valle Middle School Expansion Project includes expanding the campus to the north and south. The Rio School District (RSD) has acquired 10 acres to the north and is in the process of acquiring 11.1 acres to the south of the existing Rio Del Valle Campus. The northern expansion area will serve as farm land for an agricultural learning program. The southern expansion area will include additional buildings, landscaping, bus parking and a bus wash. This technical memorandum presents the analysis of projected water demand for the project and required water allocations.

Rio School District Fox Canyon Groundwater History

Historically, the domestic water supply for Rio School District facilities has been provided by a combination of three active ground water wells and domestic water connections with the City of Oxnard and United Water Conservation District. The three wells are located at Rio Real School, Rio Del Valle School, and the El Rio Elementary School. After the Fox Canyon Groundwater Management Agency (FCGMA) adopted Ordinance E, water allocations for these three wells were reduced to a total of 52.074 AFY.

Additionally, the El Rio Elementary School site was sold to a developer and is to be replaced by the Rio Urbana residential community. The Rio Urbana project included the annexation of the site into the City of Oxnard, and the transfer of 40.399 AFY of groundwater pumping allocation for the on-site well. Following this transfer, the Rio School District has 11.675 AFY water allocations remaining for the two wells located at Rio Real School and Rio Del Valle School.

54.6 AFY of FCGMA water allocations are to be transferred to RSD with the newly acquired land to expand the Rio De Valle School campus. The water transfer amount will need to be finalized in a formal written agreement with the sellers of both parcels. With this transfer, Rio School District will have a total of 66.275 AFY of FCGMA water allocations.

Rio Del Valle and Rio Real Historical Groundwater Usage

Three sources supply water to the existing Rio Del Valle (RDV) school: the on-site well (subject to FCGMA requirements), United Water, and the City of Oxnard. The City of Oxnard supplies water for the gymnasium, United Water supplies for the existing campus buildings, and the on-site RDV well supplies irrigation water for landscaping and water of play fields. The Rio Real school well supplies water for on-site landscaping as well.

Under the FCGMA "Ordinance to Establish a New Pumping Allocation System for the Oxnard and Pleasant Valley Basins," effective October 1, 2020, initial extraction allocations were set based on the average annual extractions per well during the 2005 through 2014 base period. Table 1 summarizes the historical well extractions for RSD.

Table 1 – Average Annual Well Extractions (2005 – 2014)

Rio Del Valle School	27.33 AFY
Rio Real School	14.26 AFY
SUM	**41.59 AFY**

Following the Rio Urbana and new farm land water allocation transfers, the Rio School District will have a surplus of 24.685 AFY (66.275 AFY – 41.59 AFY = 24.685 AFY) water allocations to supply for the two existing schools before the Rio De Valle expansion discussed below.

Proposed Rio Del Valle Water Demand

The Rio Del Valle Expansion will increase the school's water demands. The new 10-acre farm to the north will require irrigation water for crops. Using the FCGMA Crop Year Irrigation Allowance Table, and assuming the crops are avocados with 20-70% ground shading, typical precipitation, the farm will require 2.0 acre-feet/acre. Given the farm is 10 acres, this results in 20 AFY demand for the new farm.

The southern campus expansion will increase the number of classrooms and add a bus wash. Additionally, the campus proposes to replace all existing and new sports fields with zero scape, resulting in a net decrease in landscaping water demand. A ratio between the existing and proposed areas was used to calculate the projected water demand. Table 2 below summarizes the projected water demand for the campus expansion.

Table 2 – Project Expansion Water Demand based on Area

	Existing Area	Proposed Area	Final Build-out Area	% Change	Existing Water Usage	Final Build-out Water Usage
Buildings (Classrooms, Bathrooms, Library etc.)	1.58 acres	0.96 acres	2.54 acres	+61%	3.027 AFY[1]	4.873 AFY
Landscaping[2] (Planters, etc.)	10.97 acres	1.868 acres	1.868 acres	-83%	27.33 AFY[3]	4.654 AFY

The projected bus wash demand can be found in Table 3.

[1] Value based on the maximum monthly usage (112 HCF) from United Water Bills

[2] Excludes farm land/agricultural learning irrigation & excludes zero scape sports fields

[3] Average annual well extraction, see Table 1

Table 3 – Projected Bus Wash Demand

Quantity	Units	Source
24	buses	# of proposed bus parking spaces
1	wash/bus/week	assumption
250	GPM	4-Brush-Hybrid-WRS-specs-PLC-1.pdf (interclean.com)
5	minutes/wash	Assumption
4.787	**AFY**	

Table 4 below summarizes the total water demand and the FCGMA water allocations for Rio School District.

Table 4 – Water Demand and Allocations

RSD Water Demands			
Water Demand	**Quantity**	**Water Source**	**Reference**
Rio Real School (Landscaping)	14.26 AFY	FCGMA	See Table 1
Rio Del Valle – Full Build-out, Buildings	4.873 AFY	United Water	See Table 2
Rio Del Valle – Full Build-out, Landscaping	4.654 AFY	FCGMA	See Table 2
Rio Del Valle – Farm/Agricultural Learning	20 AFY	FCGMA	FCGMA Crop Irrigation Table
Rio Del Valle – Bus Wash	4.787 AFY	FCGMA	See Table 3
Total RSD Water Demand	**48.574 AFY**		
FCGMA Water Allocations			
RSD Existing FCGMA Allocations	11.675 AFY		
Water Allocations Acquired from Expansion Areas	54.6 AFY		
Total FCGMA Water Allocations	**66.275 AFY**		

The Rio School District will have a net surplus of 17.701 AFY water allocations with the Rio Del Valle Campus Expansion.

Please contact us if you have any questions.

Sincerely,



James C. McCoskey, P.E.
Senior Civil Engineer II
Jensen Design & Survey, Inc.

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I TRAFFIC AND CIRCULATION STUDY AND VMT ANALYSIS

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RIO DEL VALLE MIDDLE SCHOOL PROJECT
RIO SCHOOL DISTRICT

Draft Traffic and Circulation Study

County of Ventura, CA

July 8, 2022

P.N. 2042625101

Prepared By:

Stantec

200 E. Carrillo Street, Ste 101
Santa Barbara, CA 93101
Phone: (805) 963-9532

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Appendix 1 – Ventura County Transportation Commission (VCTC) CMP level of service criteria
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Appendix 3 – SRTS Improvement Exhibit and Rose Avenue Bike Lanes Exhibits
Appendix 4 – County and City Cumulative Projects Lists
Appendix 5 – Roadway and Intersection Counts
Appendix 6 – Intersection Level of Service Calculation Worksheets

INTRODUCTION

Stantec has prepared the following draft traffic and circulation study for the Rio Del Valle Middle School Project. The traffic and circulation study provides an assessment of the existing and future traffic conditions within the study area, determines the trip generation and trip distribution for the proposed development, evaluates the potential traffic impacts to the vicinity roadways and intersections, and provides feasible improvements where applicable. A discussion of the site access and circulation plan and parking is also provided. A vehicle miles traveled (VMT) analysis is provided in a separate document.

PROJECT DESCRIPTION

The proposed project includes the expansion of the Rio Del Valle Middle School campus located at 3100 Rose Avenue in unincorporated County of Ventura. Exhibit 1 shows the location of the project site and Exhibit 2 illustrates the proposed improvements. The existing campus is approximately 30.2 acres including the 20.2-acre main campus (APN 144-0-110-445) and 10-acres of active agricultural lands (a portion of 144-0-110-225) to the north of the main campus buildings. The proposed project would add approximately 11.1-acres to the south (a portion of 144-0-110-590) that the District proposes to acquire and develop with new educational and support facilities resulting in an approximately 41.3-acre campus (project site). This could result in a potential enrollment increase of 250 students over a five-year period commencing at the earliest in the 2024/25 school year. In addition, the District proposes to transfer the existing school bus parking and workroom facilities (District Transportation and Parking Facility) from the current location on E. Vineyard Avenue at Sycamore Street to the project site. A conceptual site plan illustrating the proposed project is attached for reference.

Existing access to the school site is provided via one ingress driveway and two egress driveways. The ingress driveway is located on the east side of Rose Avenue opposite Orange Drive. The northerly egress driveway connects to the signalized Rose Ave/Walnut Dr intersection as the east leg, and the southerly right-turn only egress driveway is located south of the Rose Ave/Orange Dr intersection. A gated maintenance driveway is located at the north portion of the school site. The proposed project will add a full-access driveway on Collins Street. The District Transportation and Parking Facility will have primary access from Collins Street to the south of the facility via this driveway connection.

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STUDY METHODOLOGY

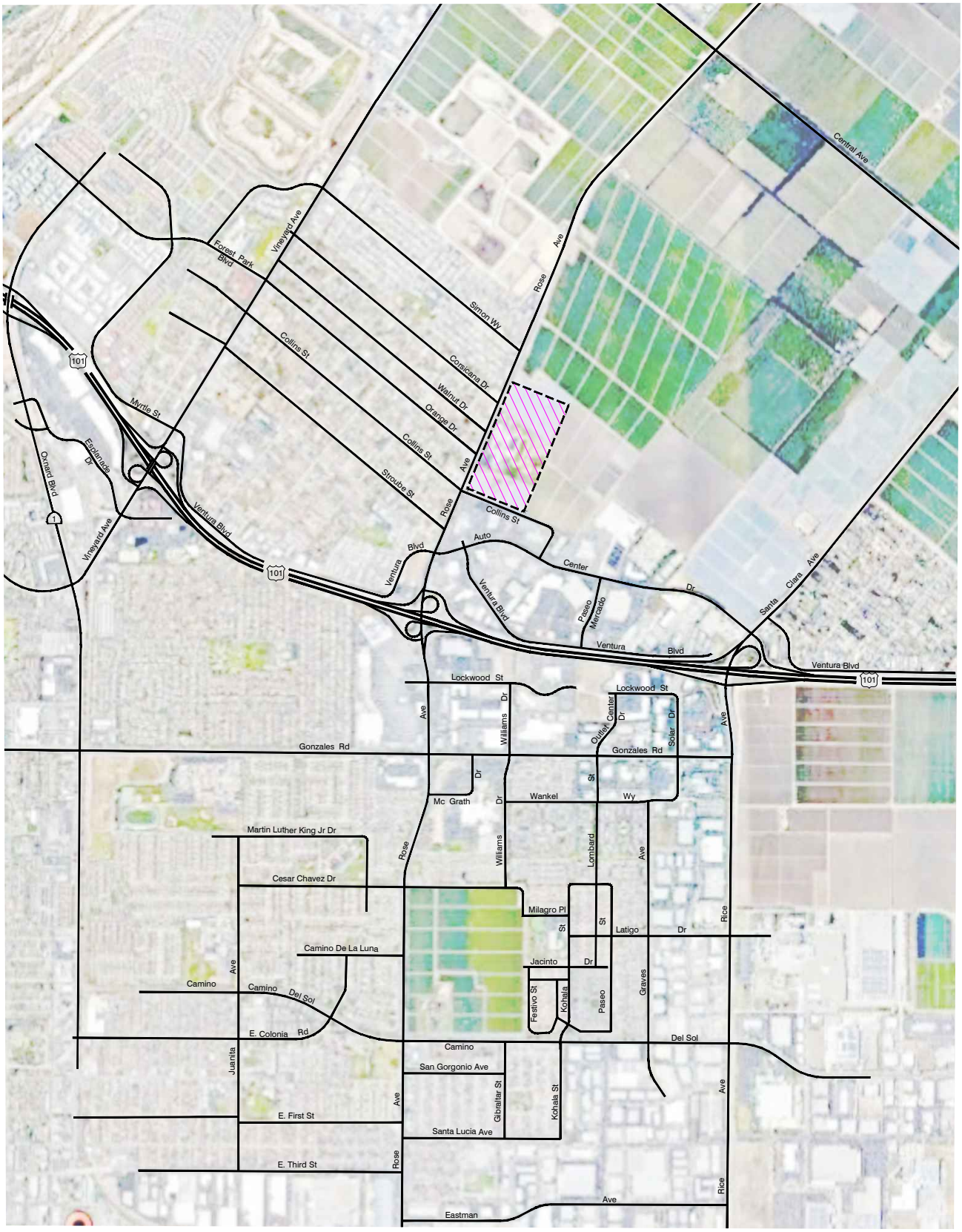
Traffic Analysis Scenarios

Pursuant to County of Ventura and City of Oxnard traffic study requirements, the traffic analysis includes the following traffic scenarios:

- Existing Conditions
- Existing plus Project Conditions
- Cumulative Conditions
- Cumulative plus Project Conditions

Level of Service Criteria

A level of service (LOS) ranking scale is used to identify the operating condition on roadways and at intersections. This scale compares traffic volumes to intersection capacity and assigns a letter value to this relationship. The letter scale ranges from A to F with LOS A representing free flow conditions and LOS F representing congested conditions. The level of service criteria are summarized in Table 1.



N

N.T.S.

LEGEND

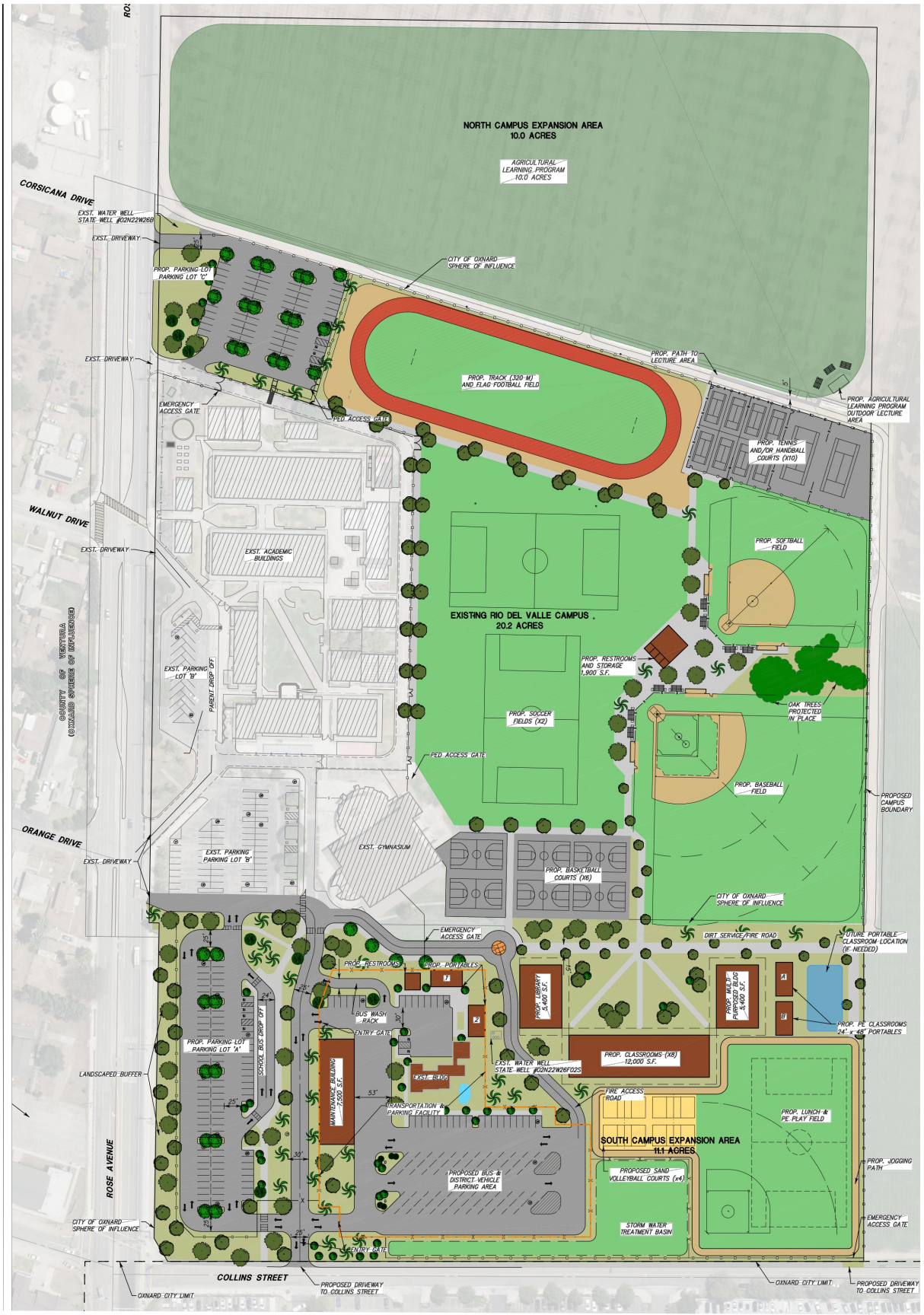
- Project Site

EXHIBIT 1

EXISTING STREET NETWORK/ PROJECT SITE LOCATION

Stantec

200 East Carrillo Street, Santa Barbara, CA 93101
Phone: (805) 963-9532



N

N.T.S.

Stantec

200 East Carrillo Street, Santa Barbara, CA 93101
Phone: (805) 963-9532

EXHIBIT 2

PROJECT SITE PLAN

Table 1 - Intersection Level of Service Criteria

LOS	Signalized Intersections (V/C Ratio)	Signalized Intersections (Sec. of Delay)	Unsignalized Intersections (Sec. of Delay)	Definition
A	< 0.60	≤ 10	≤ 10	Conditions of free unobstructed flow, no delays and all signal phases sufficient in duration to clear all approaching vehicles.
B	0.61 – 0.70	> 10 and ≤ 20	> 10 and ≤ 15	Conditions of stable flow, very little delay, a few phases are unable to handle all approaching vehicles.
C	0.71- 0.80	> 20 and ≤ 35	> 15 and ≤ 25	Conditions of stable flow, delays are low to moderate, full use of peak direction signal phases is experienced.
D	0.81 – 0.90	> 35 and ≤ 55	> 25 and ≤ 35	Conditions approaching unstable flow, delays are moderate to heavy, significant signal time deficiencies are experienced for short durations during the peak traffic period.
E	0.91 – 1.00	> 55 and ≤ 80	> 35 and ≤ 50	Conditions of unstable flow, delays are significant, signal phase timing is generally insufficient, congestion exists for extended duration throughout the peak period.
F	> 1.00	> 80	> 50	Conditions of forced flow, travel speeds are low and volumes are well above capacity. This condition is often caused when vehicles released by an upstream signal are unable to proceed because of back-ups from a downstream signal

Source: Highway Capacity Manual, 6th Edition.

Traffic Analysis Methodology

The analysis for roadway segments and intersections located in Ventura County is completed conform to the *Ventura County Initial Study Assessment Guidelines Section 27a(1). Transportation & Circulation – Roadways and Highways – Level of Service (LOS).*

Roadway levels of service are calculated by comparing the average daily traffic (ADT) to the roadway segment's design capacity. The levels of service for signalized intersections are based on the Intersection Capacity Utilization (ICU) method and the service flow rates adopted by the County from the Ventura County Transportation Commission (VCTC) for the Congestion Management Plan (CMP). the CMP level of service criteria are included in the Technical Appendix. Unsignalized intersection are analyzed pursuant the methodologies outlined in the Highway Capacity Manual (HCM 6th Edition)[1], and intersection levels of service are reported based on seconds of delay on the stopped intersection approaches.

Levels of service for intersections are calculated for the peak hour within the 7AM – 9AM commute period and the 4PM – 6PM commute period. K-8 schools generate traffic in the AM period from 7:30AM to 8:30PM, with virtually no traffic generated outside that peak hour. Previous counts collected along Rose Avenue indicate that the PM peak hour occurs from 4:30PM to 5:30PM, which falls within the 4PM – 6PM commute count period.

[1] Highway Capacity Manual, 6th Edition: A Guide for Multi-Modal Mobility Analysis, Transportation Research Board, 2016.

EXISTING CONDITIONS

Roadway Network

The roadway system in the study area is comprised of a network of freeways, arterials and collectors. The study-area roadway network is shown in Exhibit 3 and a brief description of the major components is provided below.

U.S. Highway 101 (U.S. 101) extends along the Pacific Coast between Los Angeles and San Francisco. Within the City of Oxnard, the six to eight-lane freeway is the principal route between Oxnard and the cities of Ventura and Santa Barbara to the north, and the cities of Camarillo, Thousand Oaks and Los Angeles to the south. Regional access from U.S. 101 to the project site is provided via the interchange with Rose Avenue.

Rose Avenue is a north-south secondary arterial roadway that extends from Pleasant Valley Road south of Oxnard to Los Angeles Avenue (SR 118) in the County of Ventura. North of Ventura Boulevard the roadway contains four travel lanes with a raised or painted median and left-turn lanes at intersections. The speed limit adjacent to the school is 45 MPH. The roadway provides direct access to the project site via its intersections with Orange Avenue and Walnut Drive. The intersections with Auto Center Drive, Collins Street, Walnut Drive, Simon Way and Central Avenue are signalized.

Vineyard Avenue (S.R. 232) is a north-south four- to six-lane arterial roadway that extends from Oxnard Boulevard to Los Angeles Avenue (SR 118) in Ventura County.

Auto Center Drive is an east-west four-lane roadway with a raised median and left-turn lanes at intersections. The posted speed limit on Auto Center Drive is 40 MPH and on-street parking is prohibited. Auto Center Drive terminates on the east at Santa Clara Avenue and on the west at Rose Avenue.

Alternative Transportation

Bus service in the project area is provided by Gold Coast Transit Route 15, which provides a connection between the Riverpark Specific Plan Area and St. John's Regional Medical Center, but does not have a bus stop in the vicinity of the project site. School bus service routes throughout the El Rio neighborhood is provided by the El Rio School District.

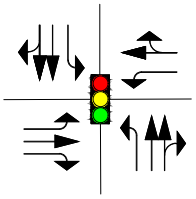
Existing Roadway and Intersection Operations

One roadway segment and nine intersections were selected for analysis in consultation with County and City staff. New traffic counts were collected on January 26 and March 1, 2022. The lane geometry and control for the intersections within the study area are shown in Exhibit 3 and the traffic volumes are illustrated in Exhibit 4. Levels of service were calculated the level of service methodology outlined previously. The technical calculation worksheets are included in the Technical Appendix, and the existing roadway and intersection levels of service are summarized in Tables 2 and 3.

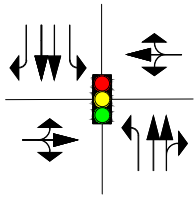
Table 2 – Existing Roadway Levels of Service

Roadway Segment	Classification	Number of Lanes	Existing ADT	LOS C Threshold	Existing LOS
Rose Ave n/o Simon Way	Class I	4 lanes	12,800 ADT	38,000 ADT	LOS A
Rose Ave n/o Walnut Dr	Class I	4 lanes	15,500 ADT	38,000 ADT	LOS A

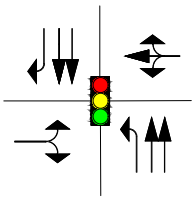
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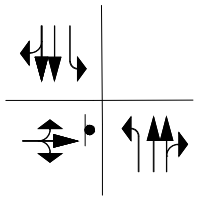
2. Rose Ave & Simon Wy



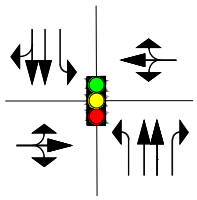
3. Rose Ave & Walnut Dr



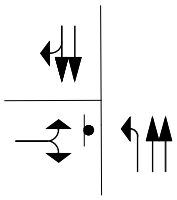
4. Rose Ave & Orange Dr



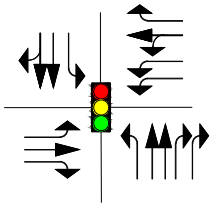
5. Rose Ave & Collins St



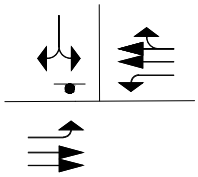
6. Rose Ave & Stroube St



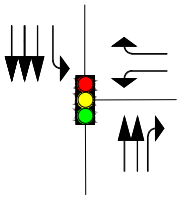
7. Rose Ave & Ventura Blvd

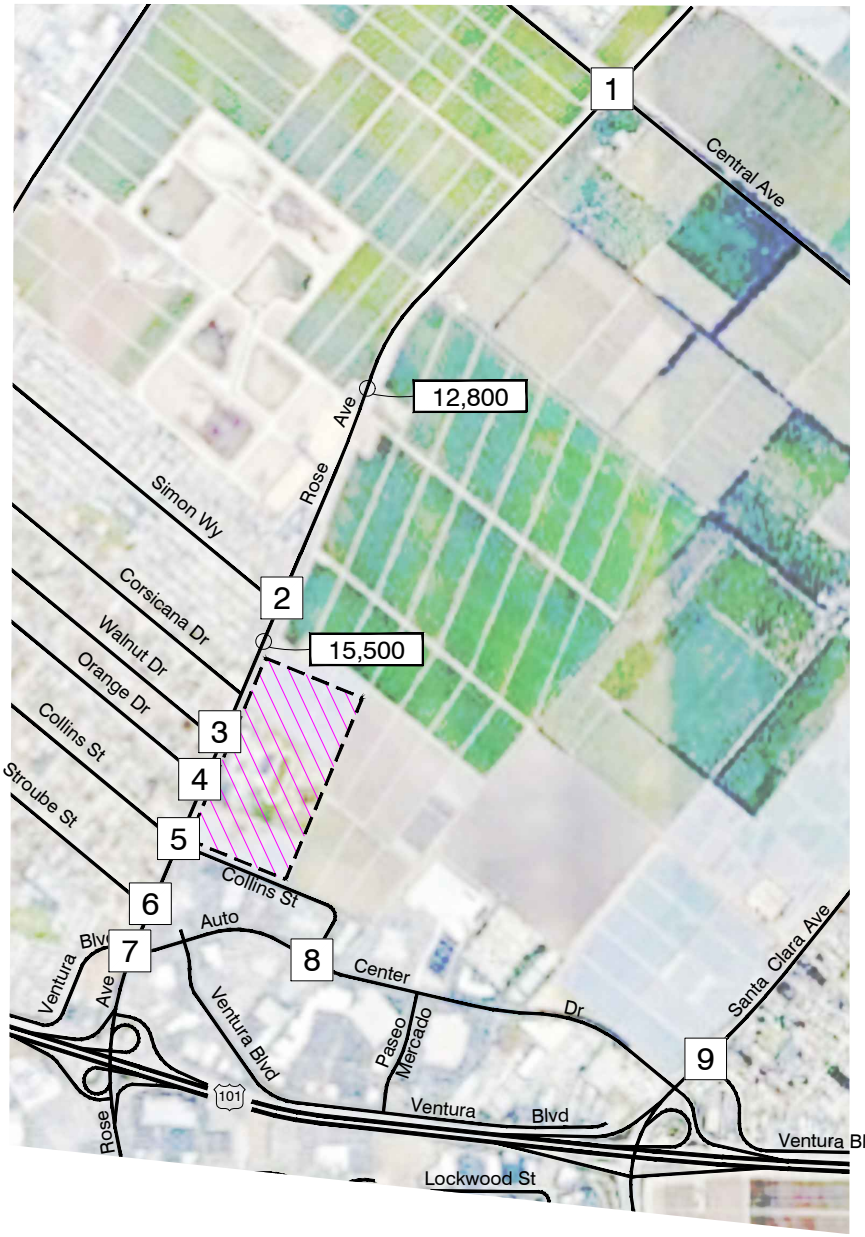


8. Ventura Blvd & Auto Center Dr



9. Santa Clara Ave & Ventura Blvd





LEGEND

- Traffic Signal
- Stop Sign
- Approach Lane Geometry

N

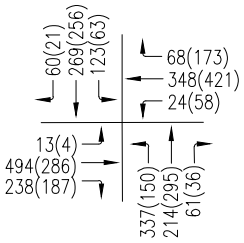
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EXHIBIT 3
EXISTING INTERSECTION GEOMETRIES

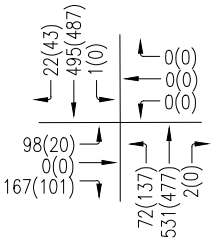
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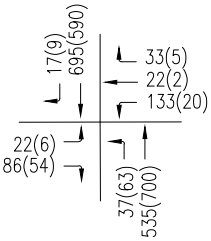
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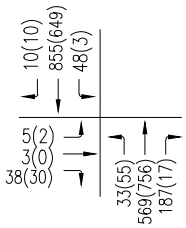
2. Rose Ave & Simon Wy



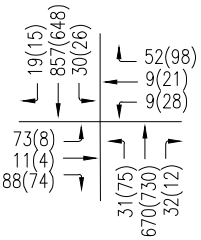
3. Rose Ave & Walnut Dr



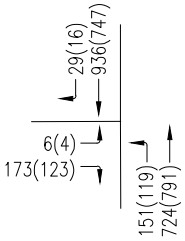
4. Rose Ave & Orange Dr



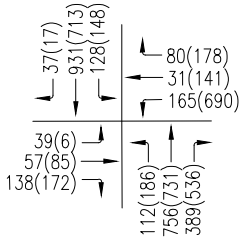
5. Rose Ave & Collins St



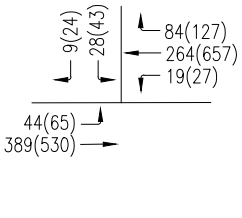
6. Rose Ave & Stroube St



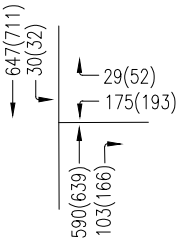
7. Rose Ave & Ventura Blvd

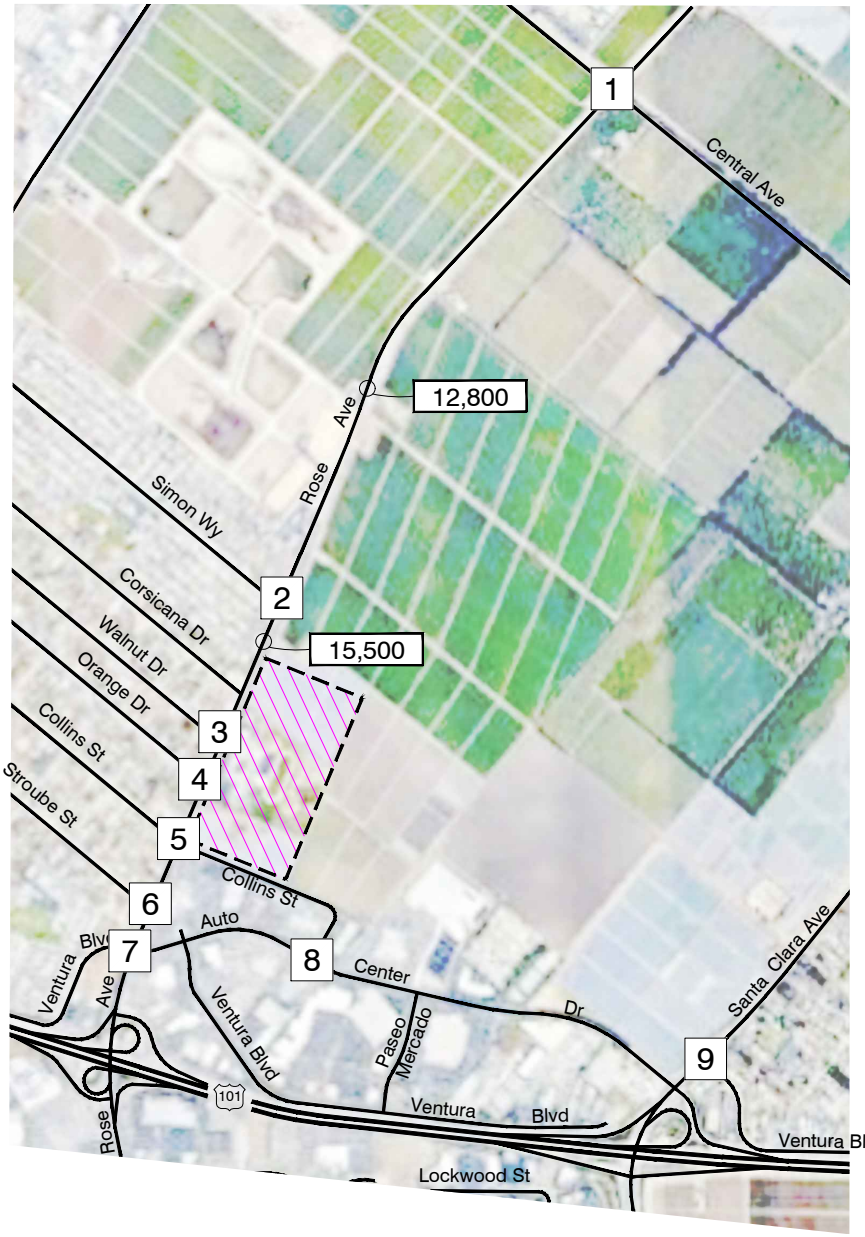


8. Ventura Blvd & Auto Center Dr



9. Santa Clara Ave & Ventura Blvd





LEGEND

XX(XX) - AM(PM) Peak Hour Volume

- Traffic Direction

XX - Average Daily Traffic Volume

N

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EXHIBIT 4
EXISTING TRAFFIC VOLUMES

Table 3 - Existing AM and PM Peak Hour Intersection Levels of Service

Intersection	Jurisdiction	Control	AM Peak Hour V/C - LOS	PM Peak Hour V/C - LOS
1. Rose Ave/Central Ave	County	Signal	0.64/LOS B	0.55/LOS A
2. Rose Ave/Simon Wy	County	Signal	0.37/LOS A	0.32/LOS A
3. Rose Ave/Walnut Dr	County	Signal	0.43/LOS A	0.28/LOS A
4. Rose Ave/Orange Dr [1]	County	One-way stop	19.3 sec/LOS C	12.1 sec/LOS B
5. Rose Ave/Collins St	Oxnard	Signal	0.44/LOS A	0.40/LOS A
6. Rose Ave/Stroube St [1]	Oxnard	One-way stop	18.9 sec/LOS C	13.7 sec/LOS B
7. Rose Ave/Ventura Blvd-Auto Center Dr	Oxnard	Signal	0.50/LOS A	0.63/LOS B
8. Auto Center Dr/Collins St [1]	Oxnard	One-way stop	13.8 sec/LOS B	*28.4 sec/LOS D*
9. Santa Clara Ave/Ventura Blvd	Oxnard	Signal	0.31/LOS A	0.34/LOS A

[1] Unsignalized intersection: level of service based on seconds of delay on minor street.

Table 2 indicates that the four-lane segment of Rose Avenue between Walnut Drive and Central Avenue operates in the LOS A range. Table 3 indicates that the study-area intersections operate in the LOS A-C range except the Auto Center Dr/Collins St intersection, which operates at LOS D, which is below the City of Oxnard LOS C standard.

PROJECT SPECIFIC CONDITIONS

Traffic Impact Thresholds

Pursuant California Environmental Quality Act (CEQA) guidelines, a vehicle miles traveled (VMT) analysis and an evaluation of consistency with the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) was prepared in support of the Project's environmental documentation. The VMT analysis is provided in a separate document. Because project-specific impacts are not evaluated anymore using vehicle delay (V/C increase or seconds of delay), the traffic impact analysis focusses on consistency with local plans, ordinances or policies establishing measures of effectiveness for the performance of the circulation system.

County of Ventura. The County of Ventura considers LOS C the minimum level of service for local roads and LOS D the minimum level of service for County thoroughfares, with the less stringent minimum level of service applied to intersections between local roads and thoroughfares.

Table 4 - Minimum Acceptable Level of Service (LOS) for Roadway Segments and Intersections

Minimum LOS	County of Ventura - Description
C	All County maintained local roads.
D	All County thoroughfares and state highways within the unincorporated area of the County, except as provided below.
E	a. State Route 33 between the end of the Ojai freeway and the City of Ojai. b. State Route 118 between Santa Clara Avenue and the City of Moorpark. c. State Route 34 (Somis Road) north of the City of Camarillo. d. Santa Rosa Road between Camarillo city limit line and Thousand Oaks city limit line. e. Moorpark Road north of Santa Rosa Road to Moorpark city limits line.
Varies	The LOS prescribed by the applicable city for all State highways, city thoroughfares, and city maintained local roads located within that city, if the city has formally adopted General Plan policies, ordinances, or a reciprocal agreement with the County, pertaining to development in the city that would individually or cumulatively affect the LOS of State highways, County thoroughfares and County-maintained local roads in the unincorporated area of the County.
	County LOS standards are applicable for any city that has not adopted its own standards or has not executed a reciprocal agreement with the County pertaining to impacts to County roads.
At any intersection between two roads, each of which has a prescribed minimum acceptable LOS, the less stringent LOS of the two shall be the minimum acceptable LOS of that intersection.	

City of Oxnard. The City has adopted level of service C as the threshold of significance for intersections during environmental review.

Traffic studies shall include a list of intersections where the project will worsen the Intersection Capacity Utilization (ICU) numeric value of Level of Service (LOS) by V/C 0.02 or more. This ICU list shall include intersections projected to be at LOS C with background traffic (existing plus approved plus pending projects) and LOS D, E, or F with background traffic plus project generated traffic.

Project Trip Generation

Middle School. The existing school has a student enrollment of 819 students. The project could potentially result in a 250 – student increase. Trip generation estimates for the school were calculated based on rates contained in the Institute of Transportation Engineers (ITE) *Trip Generation Manual (11th Edition)* for *Land Use #522 – Middle School/Junior High School*.

District Transportation and Parking Facility. The project also includes the relocation of the District Transportation and Parking Facility from E. Vineyard Avenue to N. Rose Avenue. While the relocation would not add traffic to the regional roadway network, it would divert bus and employee trips to the immediate vicinity of the school site and its driveways. The District Transportation and Parking Facility operational statistics provided by the district are as follows:

- 17 school busses in service. All busses will be parked at the facility.
- Bus traffic consists of 13 AM bus routes, 4 midday bus routes and 13 PM bus routes, for a total 30 busses per school day.
- Total of 10 office/maintenance employees, work times 6:30 AM to 3:30 PM.

The existing school is served by 6 school busses which currently enter the site and leave to the existing facility on E. Vineyard Ave after dropping off students. In the future, these 6 busses will leave the site to start student pick-up routes and remain on the site after returning to drop off students.

Table 5 - Project Trip Generation

Land Use	Size/Variable	ADT	AM			PM		
			In	Out	Total	In	Out	Total
Middle School	rate/student	2.10	0.36	0.31	0.67	0.072	0.078	0.15
	250 students	*525*	*90*	*78*	*168*	*18*	*20*	*38*
District Transportation and Parking Facility	Ex. Site Count	*267*	*26*	*4*	*30*	*4*	*6*	*10*
Total		**792**	**116**	**82**	**198**	**22**	**26**	**48**

Bell schedule for a normal school day is 8:21 AM to 2:53 PM.
Transportation Facility ADT assumes half of counted vehicles is bus/heavy vehicle (178 ADT x 1.5 = 267 ADT).
Transportation Facility AM and PM PHT assumes 100% of counted vehicles is bus/heavy vehicle (15 AM PHT x 2.0 = 30 AM PHT, 5 PM PHT x 2.0 = 10 PM PHT).

As shown in Table 1, the project is expected to generate 792 ADT, with 198 trips occurring in the AM peak hour and 48 trips occurring in the PM peak hour.

Project Trip Distribution

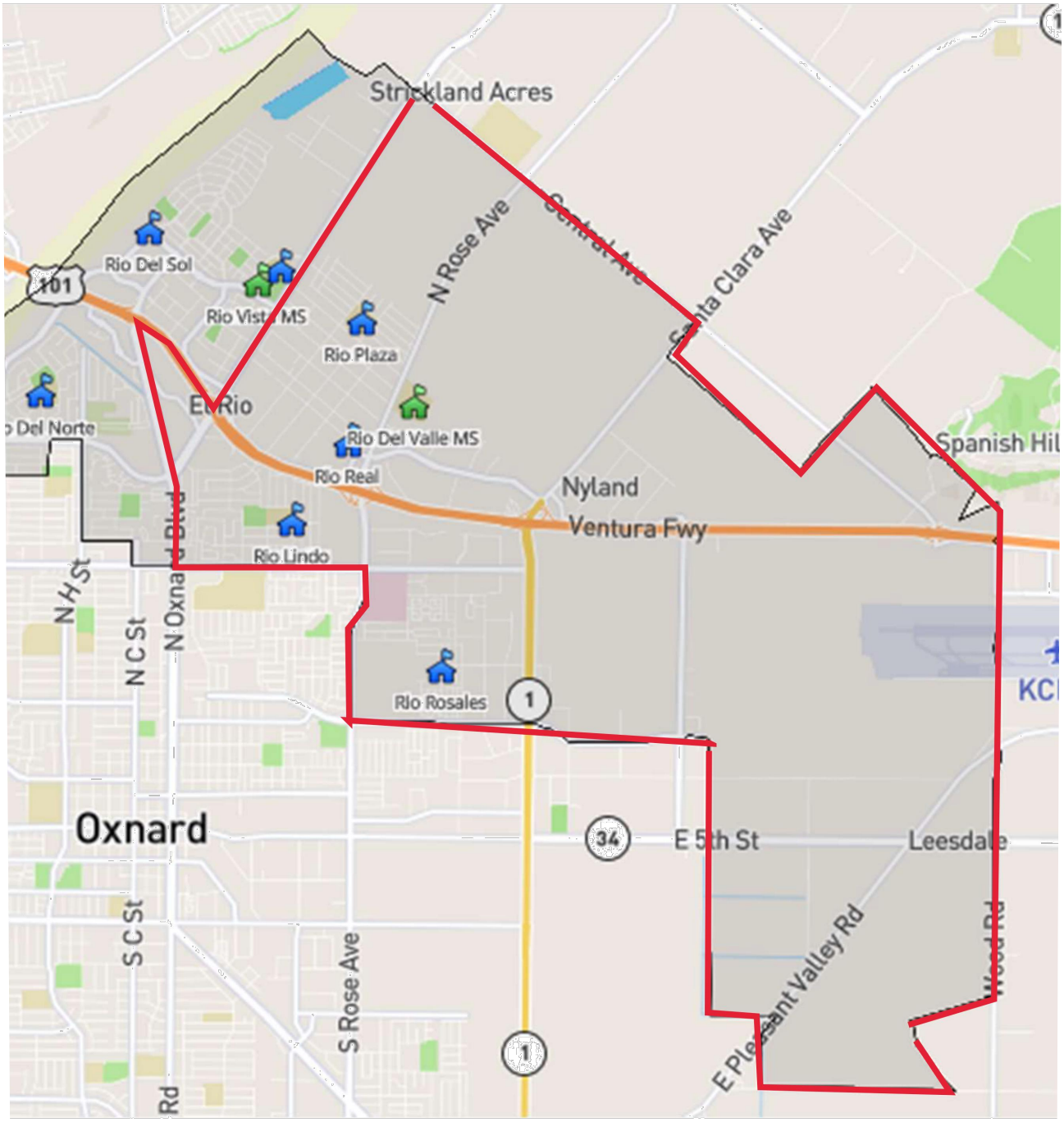
The project trip distribution for new students is based on the school's attendance boundary illustrated in Exhibit 5, with a smaller percentage of trips generated from outside the attendance boundary by new school employees. There is no indication that existing bus routes are subject to change, thus the regional distribution of District Transportation and Parking Facility trips would not change except in the immediate vicinity of the school site. The distribution percentages are shown in Exhibit 6. The site access changes (addition of full-access driveway on Collings Street) would result in changes to existing school traffic patterns, where traffic from and to the south now have the option to use the new driveway on Collins Street instead of the existing driveways on Rose Avenue. Exhibit 7 shows the anticipated existing diverted traffic volumes, and Exhibit 8 shows the project-added traffic volumes. Exhibit A in the Technical Appendix shows the separate middle school trips and District maintenance/bus trips.

Existing plus Project Roadway and Intersection Operations

Project generated traffic was added to the existing peak hour traffic volumes and levels of service were recalculated for existing plus project conditions. The existing plus project traffic volumes are illustrated in Exhibit 9. Tables 6 and 7 summarize the level of service calculations for project-specific conditions.

Table 6 – Existing + Project Roadway Levels of Service

Roadway Segment	Classification	Number of Lanes	Existing + Project ADT	LOS C Threshold	Existing LOS
Rose Ave n/o Simon Way	Class I	4 lanes	12,863 ADT	38,000 ADT	LOS A
Rose Ave n/o Walnut Dr	Class I	4 lanes	15,587 ADT	38,000 ADT	LOS A

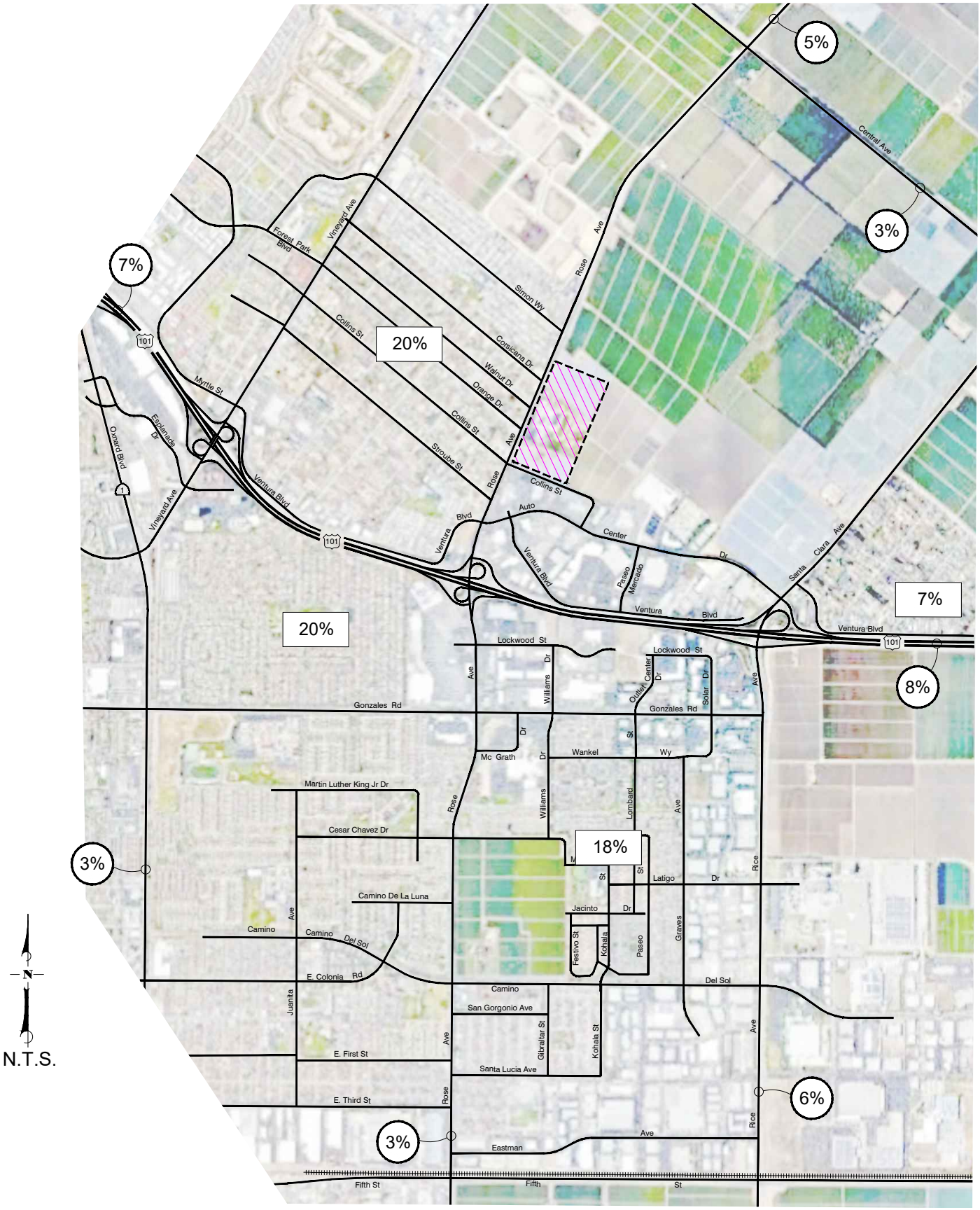


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EXHIBIT 5

RIO DEL VALLE MIDDLE SCHOOL ATTENDANCE BOUNDARY



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LEGEND

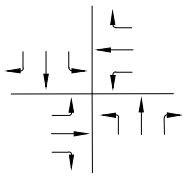
- Project Site

10% - Trip Distribution Percentage

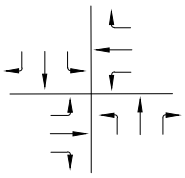
EXHIBIT 6

PROJECT TRIP DISTRIBUTION PERCENTAGES

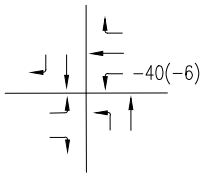
1. Rose Ave & Central Ave



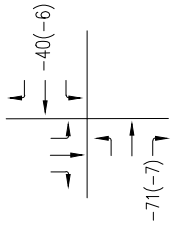
2. Rose Ave & Simon Wy



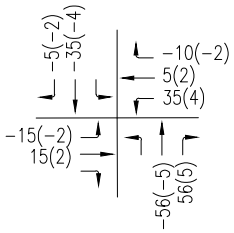
3. Rose Ave & Walnut Dr



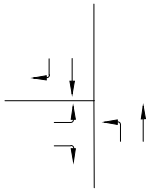
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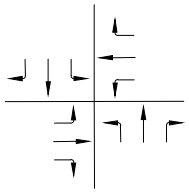
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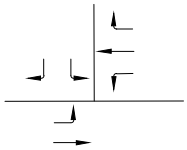
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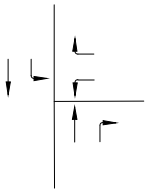
7. Rose Ave & Ventura Blvd



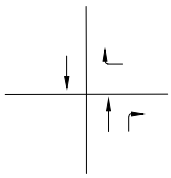
8. Ventura Blvd & Auto Center Dr



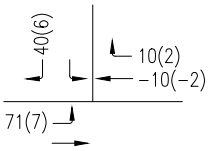
9. Santa Clara Ave & Ventura Blvd

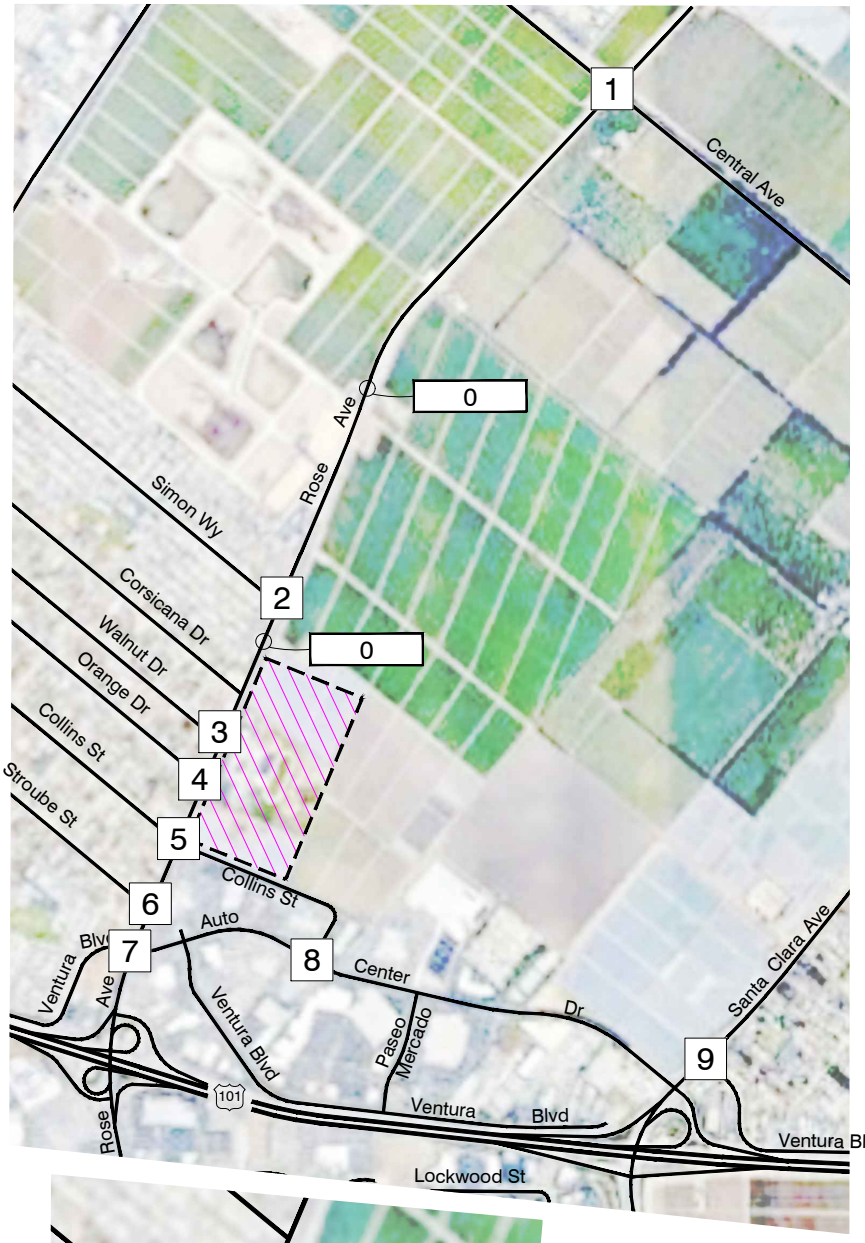


A. Rose Ave & School Lot C



A. Collins St & School Dwy







LEGEND

XX(XX) - AM(PM) Peak Hour Volume

- Traffic Direction

XX - Average Daily Traffic Volume

N.T.S.

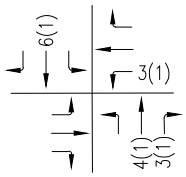
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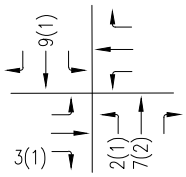
EXHIBIT 7

EXISTING DIVERTED MIDDLE SCHOOL TRAFFIC VOLUMES

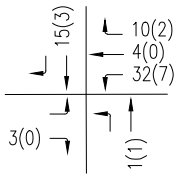
1. Rose Ave & Central Ave



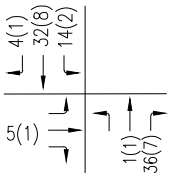
2. Rose Ave & Simon Wy



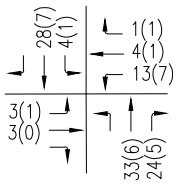
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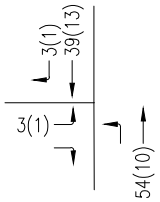
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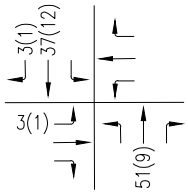
5. Rose Ave & Collins St



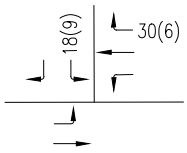
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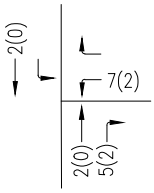
7. Rose Ave & Ventura Blvd



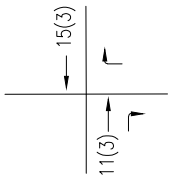
8. Ventura Blvd & Auto Center Dr



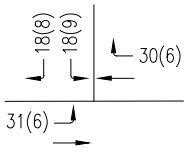
9. Santa Clara Ave & Ventura Blvd

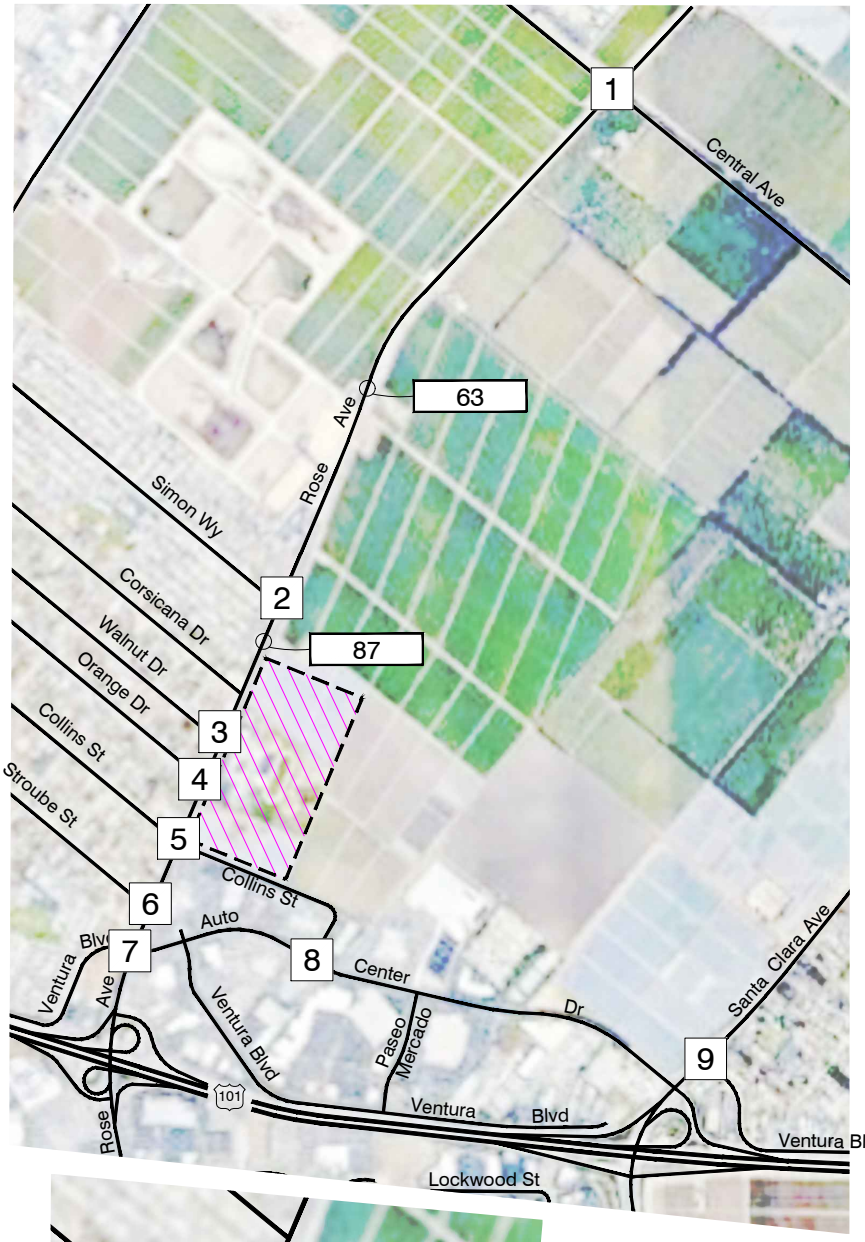


A. Rose Ave & School Lot C



B. Collins St & School Dwy







LEGEND

XX(XX) - AM(PM) Peak Hour Volume

- Traffic Direction

XX - Average Daily Traffic Volume

N

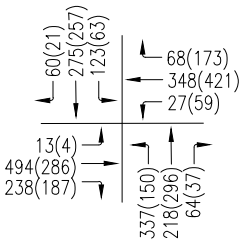
N.T.S.

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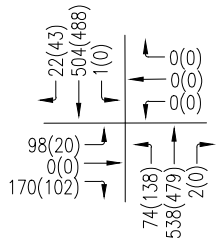
200 East Carrillo Street, Santa Barbara, CA 93101
Phone: (805) 963-9532

EXHIBIT 8
PROJECT TRAFFIC VOLUMES

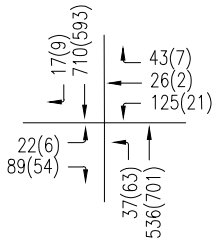
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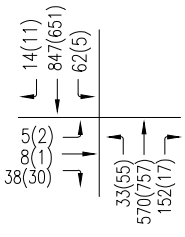
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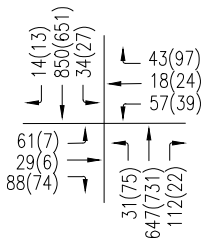
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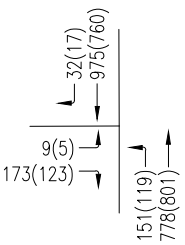
4. Rose Ave & Orange Dr



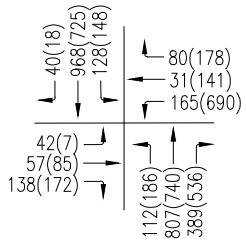
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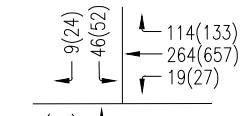
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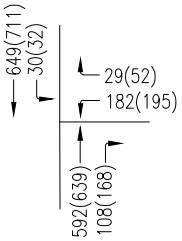
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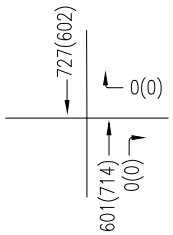
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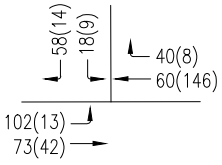
9. Santa Clara Ave & Ventura Blvd



A. Rose Ave & School Lot C



B. Collins St & School Dwy

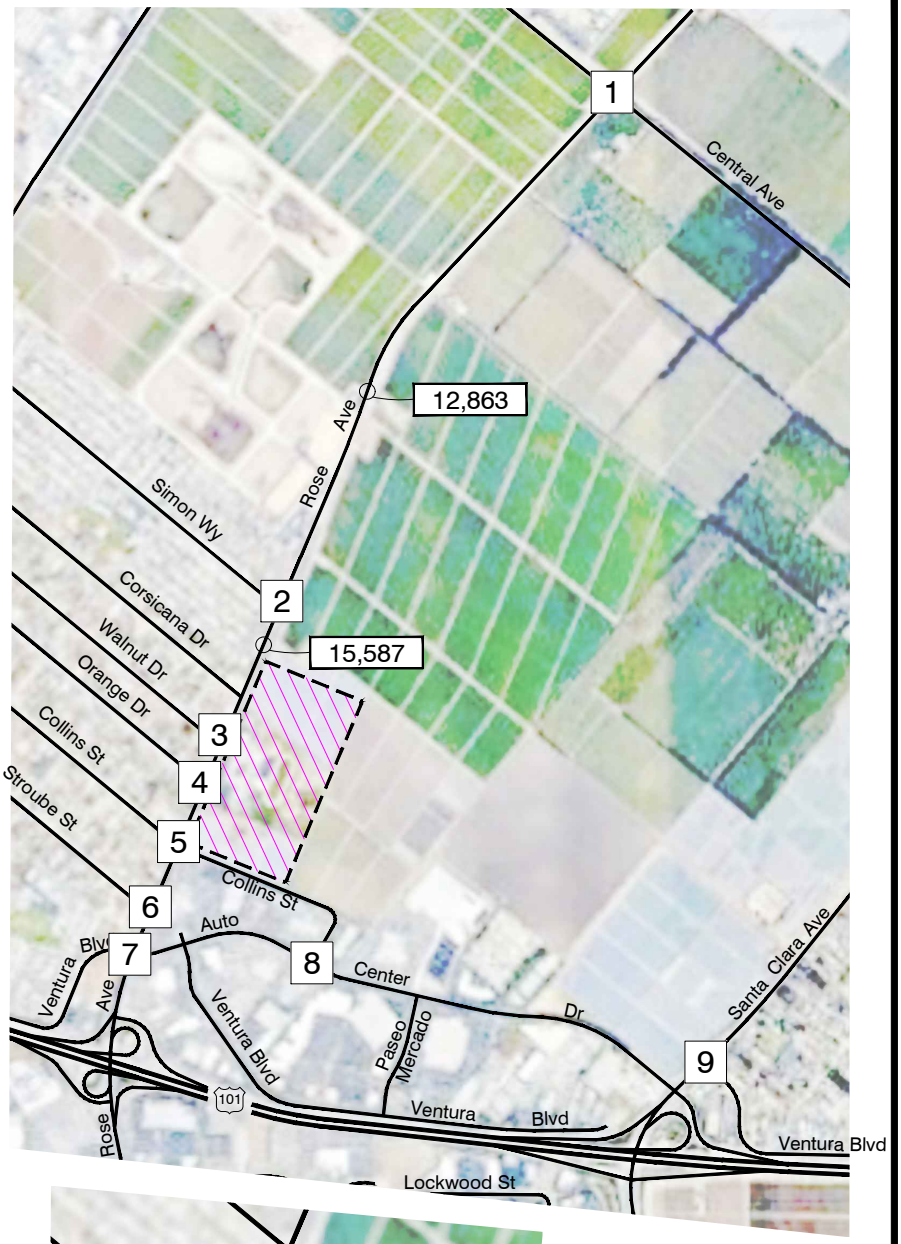


LEGEND

XX(XX) - AM(PM) Peak Hour Volume

- Traffic Direction

XX - Average Daily Traffic Volume





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EXHIBIT 9
EXISTING + PROJECT TRAFFIC VOLUMES

Table 7 - Existing + Project AM and PM Peak Hour Intersection Levels of Service

Intersection	Jurisdiction	Control	AM Peak Hour V/C - LOS	PM Peak Hour V/C - LOS
1. Rose Ave/Central Ave	County	Signal	0.64/LOS B	0.55/LOS A
2. Rose Ave/Simon Wy	County	Signal	0.38/LOS A	0.32/LOS A
3. Rose Ave/Walnut Dr	County	Signal	0.43/LOS A	0.28/LOS A
4. Rose Ave/Orange Dr [1]	County	One-way stop	19.5 sec/LOS C	13.1 sec/LOS B
5. Rose Ave/Collins St	Oxnard	Signal	0.44/LOS A	0.40/LOS A
6. Rose Ave/Stroube St [1]	Oxnard	One-way stop	22.9 sec/LOS C	14.3 sec/LOS B
7. Rose Ave/Ventura Blvd-Auto Center Dr	Oxnard	Signal	0.52/LOS A	0.63/LOS A
8. Auto Center Dr/Collins St [1]	Oxnard	One-way stop	14.9 sec/LOS B	*31.6 sec/LOS D*
9. Santa Clara Ave/Ventura Blvd	Oxnard	Signal	0.32/LOS A	0.34/LOS A

[1] Unsignalized intersection: level of service based on seconds of delay on minor street.

Tables 6 and 7 indicate that the four-lane segment of Rose Avenue between Walnut Drive and Central Avenue would continue to operate in the LOS A range, and that the study-area intersections would continue to operate in the LOS A-C range except the Auto Center Dr/Collins St intersection, which operates at LOS D. The project would contribute to the delays experienced on the stopped approach (Collins Street).

CUMULATIVE CONDITIONS

Cumulative Projects Trip Generation and Distribution

The cumulative (existing plus approved and pending projects) conditions serves as a near future baseline to assess potential impacts generated by the project. Cumulative traffic volumes were developed based on approved and pending projects information provided by City of Oxnard and County of Ventura staff.

A list of approved and pending development projects in the City of Oxnard was provided by City staff[2]. The location map and *Development Project List* information for the approved and pending projects is included in the Technical Appendix. The County's Resource Management Agency (RMA) staff provided a parcel map with approved and pending projects within a five-mile radius of the project site. The parcel map information was compared with the project information contained in the County's Approved Projects list and the Pending Project list [3].

Trip generation estimates for the approved and pending projects were developed based on rates contained in the ITE Trip Generation Manual and trips were distributed based on the location of each project, project distribution data contained in traffic studies completed for several approved and pending projects, and existing traffic patterns in the study area. The cumulative-added volumes are illustrated in Exhibit B in the Technical Appendix and the cumulative (existing plus approved and pending) traffic volumes are illustrated in Exhibit 10.

[2] Planning Division Quarterly Project List, City of Oxnard, April 2022.
[3] County of Ventura, RMA Planning Division, Approved Projects list and Pending Projects list, June 8, 2022.

Short-Term Future Improvement Projects

The County's short-term improvements (2023-2027 Capital Improvement Program, or CIP) include the following projects:

- El Rio Sidewalk Improvements: Construction of sidewalks and intersection improvements on various roads within the El Rio area. This project is associated with the Rio Del Valle Safe Routes to School (SRTS) program.
- Rose Avenue Bike Lanes (Collins-Simon): Construction of Class II bike lanes on Rose Avenue from Collins Street to Simon Way. This will include pavement overlay and bike lane striping improvements on Rose Avenue from south of Collins Street to North of Simon Way, installation of speed feedback signs and other signing additions.

Cumulative plus Project Roadway and Intersection Operations

The cumulative plus project traffic volumes are illustrated in Exhibit 11. Intersection levels of service were recalculated assuming cumulative and cumulative plus project conditions. Tables 8 and 9 summarize the cumulative and cumulative plus project level of service calculations.

Table 8 – Cumulative + Project Roadway Levels of Service

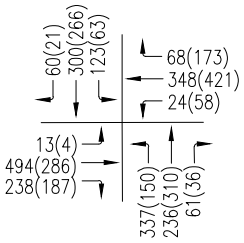
Roadway Segment	Classification	Cumulative ADT	Cumulative + Project ADT	LOS C Threshold	Existing LOS
Rose Ave n/o Simon Way	Class I	13,200 ADT	13,263 ADT	38,000 ADT	LOS A
Rose Ave n/o Walnut Dr	Class I	15,900 ADT	15,987 ADT	38,000 ADT	LOS A

Table 9 - Cumulative + Project AM Peak Hour Intersection Levels of Service

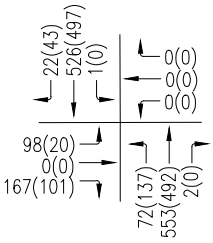
Intersection	AM Peak Hour V/C - LOS		PM Peak Hour V/C - LOS	
	Cumulative	Cumulative + Project	Cumulative	Cumulative + Project
1. Rose Ave/Central Ave	0.65/LOS B	0.65/LOS B	0.55/LOS A	0.55/LOS A
2. Rose Ave/Simon Wy	0.38/LOS A	0.39/LOS A	0.33/LOS A	0.33/LOS A
3. Rose Ave/Walnut Dr	0.44/LOS A	0.44/LOS A	0.29/LOS A	0.29/LOS A
4. Rose Ave/Orange Dr [1]	20.2 sec/LOS C	27.2 sec/LOS D	12.2 sec/LOS B	13.2 sec/LOS B
5. Rose Ave/Collins St	0.45/LOS A	0.45/LOS A	0.40/LOS A	0.40/LOS A
6. Rose Ave/Stroube St [1]	19.7 sec/LOS C	21.1 sec/LOS C	13.9 sec/LOS B	14.0 sec/LOS B
7. Rose Ave/Ventura Blvd-Auto Center Dr	0.52/LOS A	0.53/LOS A	0.64/LOS B	0.64/LOS B
8. Auto Center Dr/Collins St [1]	13.9 sec/LOS B	15.1 sec/LOS C	*28.5 sec/LOS D*	*31.8 sec/LOS D*
9. Santa Clara Ave/Ventura Blvd	0.32/LOS A	0.33/LOS A	0.34/LOS A	0.34/LOS A

[1] Unsignalized intersection: level of service based on seconds of delay on minor street.

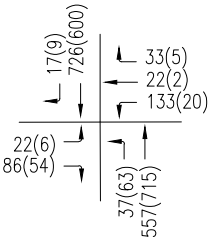
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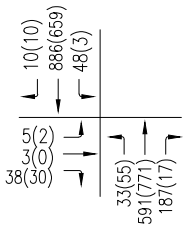
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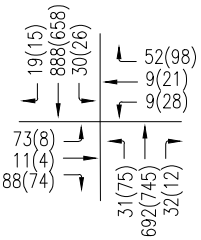
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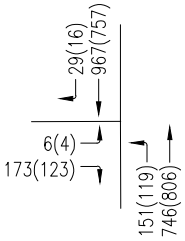
4. Rose Ave & Orange Dr



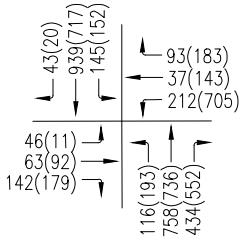
5. Rose Ave & Collins St



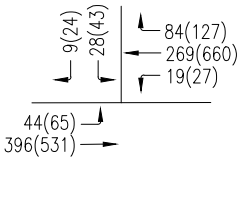
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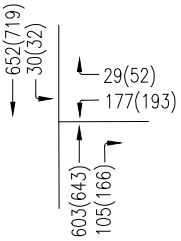
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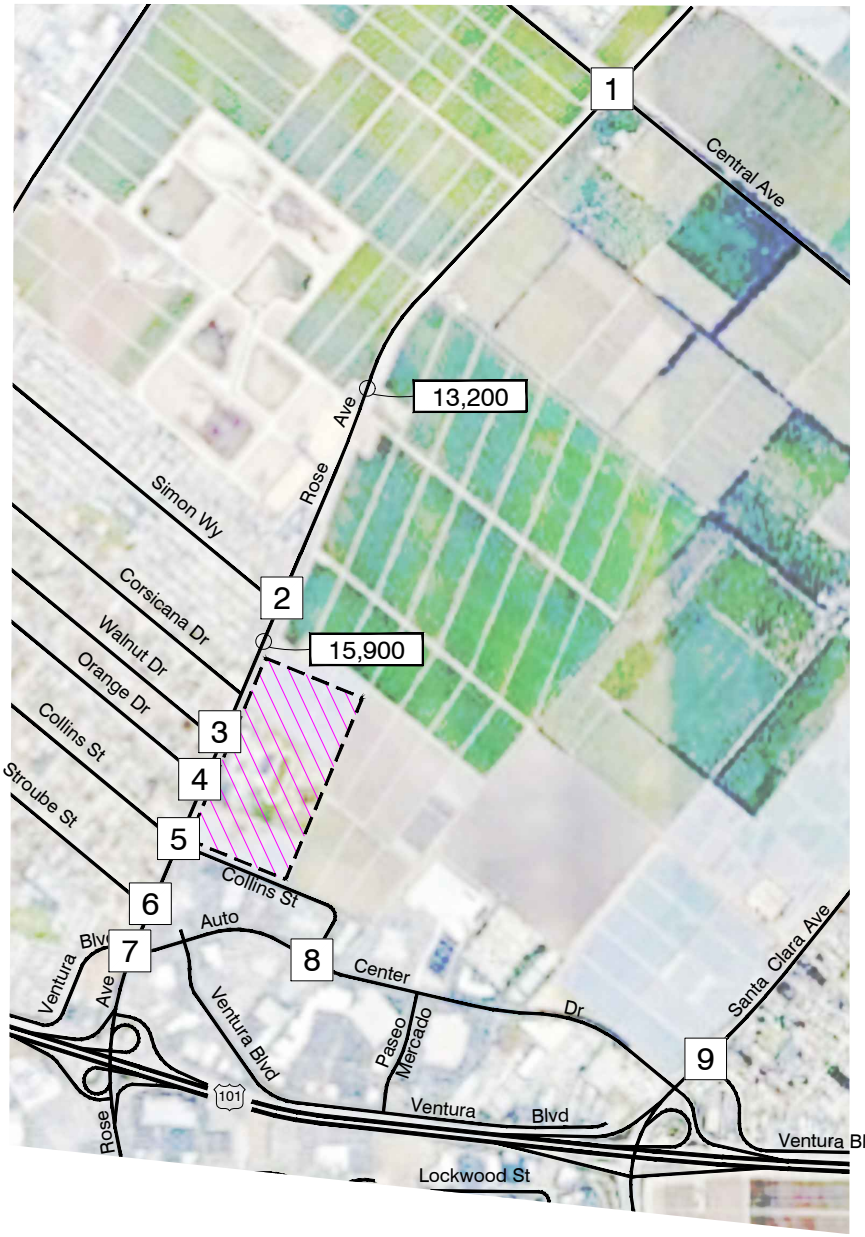


8. Ventura Blvd & Auto Center Dr



9. Santa Clara Ave & Ventura Blvd





LEGEND

XX(XX) - AM(PM) Peak Hour Volume

- Traffic Direction

XX - Average Daily Traffic Volume

N

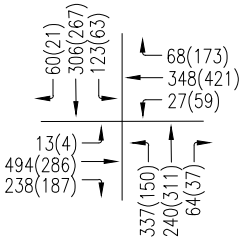
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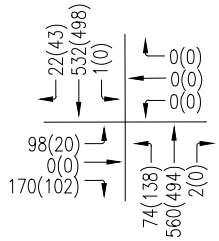
200 East Carrillo Street, Santa Barbara, CA 93101
Phone: (805) 963-9532

EXHIBIT 10
CUMULATIVE TRAFFIC VOLUMES

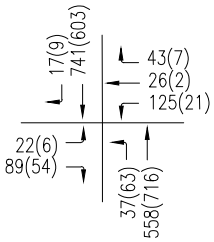
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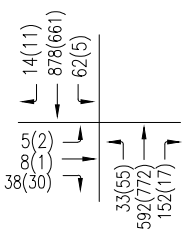
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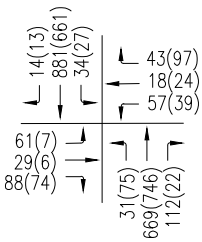
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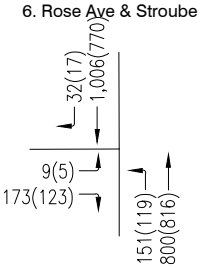
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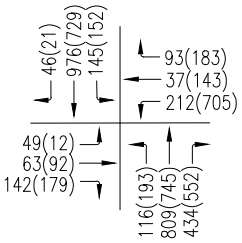
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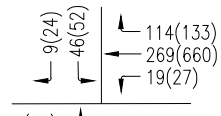
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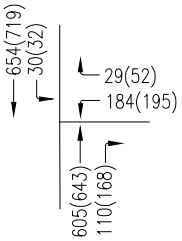
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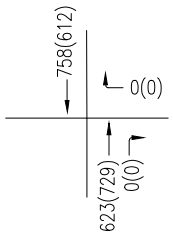
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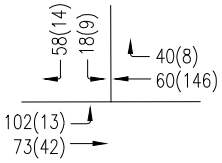
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A. Rose Ave & School Lot C



B. Collins St & School Dwy

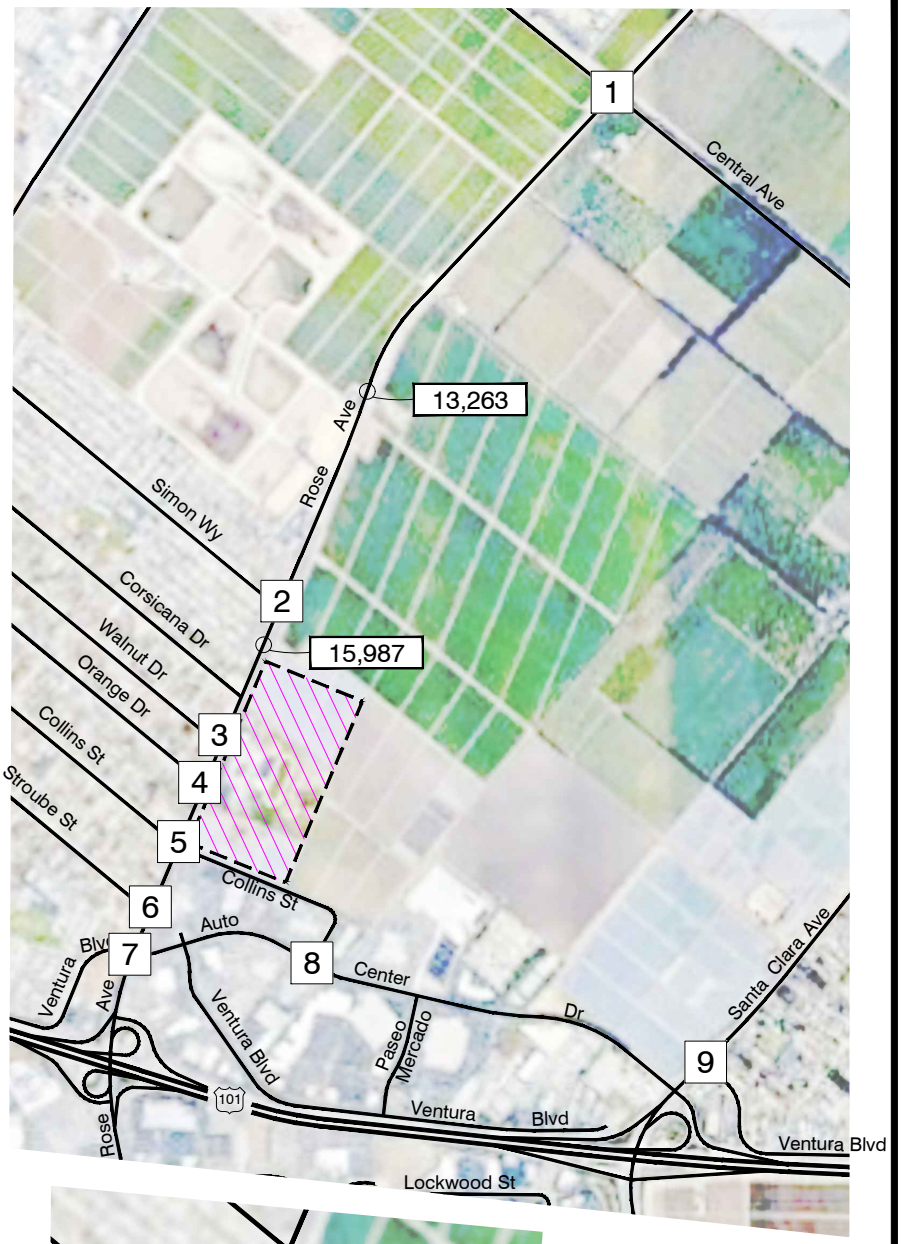


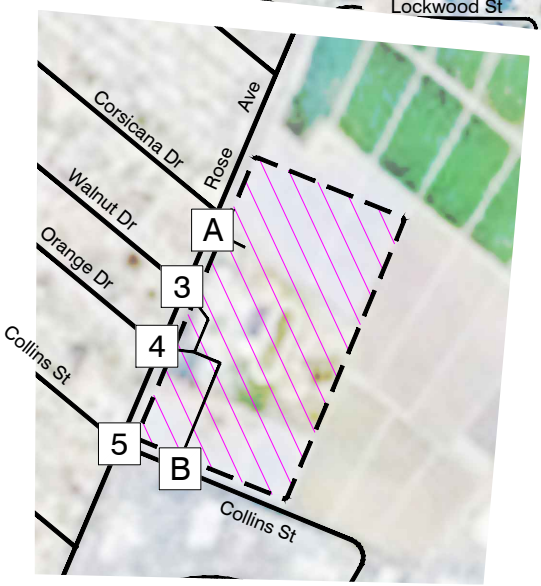
LEGEND

XX(XX) - AM(PM) Peak Hour Volume

- Traffic Direction

XX - Average Daily Traffic Volume





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Phone: (805) 963-9532

EXHIBIT 11
CUMULATIVE + PROJECT TRAFFIC VOLUMES

Tables 8 and 9 indicate that the four-lane segment of Rose Avenue between Walnut Drive and Central Avenue would continue to operate in the LOS A range under cumulative and cumulative plus project conditions. The intersections located in the County are forecast to operate in LOS A-B range, except the Rose Ave/Orange Dr intersection, which would operate at LOS D in the AM peak hour. LOS D is acceptable along throughfares. The intersections located in the City of Oxnard are forecast to operate in the LOS A-C range, except the Auto Center Dr/Collins St intersection, which would operate at LOS D.

SITE ACCESS AND CIRCULATION

As illustrated in Exhibit 2, Existing access to the school site is provided via one ingress driveway and two egress driveways. The ingress driveway is located on the east side of Rose Avenue opposite Orange Drive and provides access to the internal drop-off loop system and the parking areas. The northerly egress driveway connects to the signalized Rose Ave/Walnut Dr intersection as the east leg and provides exit from the internal drop-off loop system. A southerly right-turn only egress driveway is located south of the Rose Ave/Orange Dr intersection. A gated maintenance driveway is located at the north portion of the school site. The proposed project will add a full-access driveway on Collins Street. The District Transportation and Parking Facility will have primary access from Collins Street via this driveway connection. An existing right-turn only driveway currently providing access to agricultural land north of the middle school will provide access to the new Parking Lot C

Field review of school traffic during the morning commute period indicated that the existing drop-off loop system with ingress from the Rose Ave/Orange Dr intersection backs up during brief periods, and student drop-offs occur along the northbound shoulder of Rose Avenue south of the existing school boundary. Congestion occurs during the period prior to start of bell schedule and is associated with peak drop-off traffic and arrival of school busses, which use the same drop-off area.

The construction of a full-access driveway on Collins Street, a separate school bus drop-off area and additional parking areas will improve access and on-site circulation. School busses will now enter and exit via Collins Street with minimal delay or conflict with school drop-off vehicles. The signalized Rose Ave/Collins St intersection provides sufficient capacity to accommodate school bus traffic. The driveway on Collins Street will also provide additional access for drop-off/pick-up traffic. The diversion of school bus traffic to Collins Street and provision of additional access points for drop-off/pick-up traffic on Collins Street and Parking Lot C will significantly improve operations at the existing school loop drop-off loop system.

It is recommended that the District develop a school traffic management plan (TMP) to document and implement measures to promote travel mode shifts, optimize on-site circulation and provide safety for students, parents and staff (education, traffic control, physical measures such as speed humps).

A continuous sidewalk is provided along the east side of Rose Avenue from Auto Center Drive to the middle school that connects to the school's internal pedestrian facilities. Crosswalks are provided at the signalized intersections at Collins Street and Walnut Dr. As discussed, the County's 2023-2027 CIP includes several projects in de El Rio neighborhood that will improve pedestrian and bicycle access to the middle school. The Rio Del Valle SRTS assessment identified locations for construction of (infill) sidewalks, intersection curb extensions and traffic calming measures along students walking corridors to promote walking to school. A new sidewalk will be constructed along the north side of Collins Street that connects to an ADA pedestrian sidewalk system on the school site.

The Rose Avenue Bike Lanes project will provide Class II (on-street striped) bike lanes on Rose Avenue from Collins Street to Simon Way. The project will provide a continuous bike lane from Ventura Boulevard to Simon Way in the northbound direction and from Simon Way to Collins Street in the southbound

direction. The SRTS improvement exhibit and Rose Avenue Bike Lanes project exhibits are included in the Technical Appendix.

Rose Avenue/Walnut Drive Intersection

The intersection is controlled by a traffic signal with permissive phasing (green ball) on all approaches, and detection (loops) on the east and west approaches.. The northbound approach on Rose Avenue contains a separate left-turn lane and two through lanes, the southbound approach contains a through lane and a shared through/right-turn lane, the eastbound approach (Walnut Drive) has one shared left/right-turn lane and the westbound approach is the middle school exit driveway with one shared left-turn/through/right-turn lane. School crosswalks are provided on the west and north side of the intersection (ladder crosswalks) and on the east side (basic stripe). Advanced school speed limit signage with speed feedback sign and overhead flashing beacons are provided on Rose Avenue in both directions.

Review of the intersection recent five-year collision history (2017 – 2021) shows a total of nine ((9) collisions with several correctable accidents: three broadsides, three rear-ends and an improper turn. One pedestrian right-of-way violation was reported in 2021 (eastbound right-turn vs. southbound pedestrian in crosswalk).

The County's Local Roadway Safety Plan provides several general countermeasures focused on making the path of travel clearer, including installation of retroreflective backplates and a yellow-change and all-red clearance interval update, and painting directional arrows on the eastbound approach (Walnut Drive). As discussed previously, the Rose Avenue Bike Lanes (Collins-Simon) project will install Class II bike lanes on Rose Avenue, which would improve bicycle traffic conditions.

Additional traffic signal improvements may include provision of a protected left-turn signal head for the northbound left-turn movement, which will require a longer mast arm, and replacing the green ball of the signal face for the no.1 southbound through lane with a green directional arrow to emphasize the through-only movement. Additional improvements may include the realignment of the crosswalk on the north side of the intersection to provide for shorter crossing times. This may require modifications to the to the northeast corner (ADA improvements, installation of pedestrian push button post).

IMPROVEMENT MEASURES

The project-specific analysis found that the project would contribute to the delays experienced the Auto Center Dr/Collins St intersection, which operates at LOS D in the PM peak hour. The low side street volumes (76 peak hour trips in the PM peak hour) and delays would not satisfy any traffic signal warrants. The southbound approach is controlled by a stop sign and contains a shared left-right-turn lane. Prohibiting parking along the west curb extending 60 feet from the intersection and restripe of the southbound approach to provide separate turn lanes will improve operations. The intersection would operate in the LOS C range as a whole, however the southbound approach would continue to operate at LOS D. This would affect 52 vehicles in the PM peak hour in the southbound left-turn lane. Table 10 shows the mitigated intersection levels of service.

It is recommended that the District develop a school traffic management plan (TMP) to document and implement measures to promote travel mode shifts, optimize on-site circulation and provide safety for students, parents and staff (education, traffic control, physical measures such as speed humps).

Several general countermeasures have been identified by the County for the Rose Avenue/Walnut Drive intersections, including installation of retroreflective backplates and a yellow-change and all-red clearance interval update, and painting directional arrows on the eastbound approach (Walnut Drive). Additional

traffic signal improvements may include provision of a protected left-turn signal head for the northbound left-turn movement and replacing the green ball of the signal face for the no.1 southbound through lane with a green directional arrow to emphasize the through-only movement. Additional improvements may include the realignment of the crosswalk on the north side of the intersection to provide for shorter crossing times, including ADA improvements and installation of pedestrian push button post) on the northeast corner.

The cumulative analysis indicated that the Rose Ave/Orange Dr intersection would operate at LOS D in the AM peak hour, which is acceptable along throughfares. The Auto Center Dr/Collins St intersection would operate at LOS D without and with project traffic. Similarly existing plus project conditions, the southbound approach would continue to operate at LOS D after the restripe to separate turning lanes. This would affect 52 vehicles in the PM peak hour in the southbound left-turn lane. The intersection would not satisfy traffic signal warrants under cumulative plus project conditions. Table 10 shows the mitigated intersection levels of service

Table 10 - Auto Center Dr/Collins St Intersection
Mitigated AM and PM Peak Hour Levels of Service

	AM Peak Hour		PM Peak Hour	
Scenario	**Delay - LOS**	**Mitigated V/C - LOS**	**Delay - LOS**	**Mitigated V/C - LOS**
Existing + Project Conditions	14.9 sec/LOS B	14.7 sec/LOS B	31.6 sec/LOS D	29.3 sec/LOS D
Cumulative + Project Conditions	15.1 sec/LOS C	14.9 sec/LOS B	31.8 sec/LOS D	29.4 sec/LOS D

Unsignalized intersection: level of service based on seconds of delay on minor street.

■ ■ ■

TECHNICAL APPENDIX

TABLE OF CONTENTS

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Appendix 2 – Exhibits A & B

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Appendix 4 – County and City Cumulative Projects Lists and Trip Generation Worksheet

Appendix 5 – Roadway and Intersection Counts

Appendix 6 – Intersection Level of Service Calculation Worksheets

- Existing & Existing + Project AM and PM Peak Hour
- Cumulative & Cumulative + Project AM and PM Peak Hour

Appendix 1

Appendix 1 – Ventura County Transportation Commission (VCTC) CMP level of service criteria

Ventura County Initial Study Assessment Guidelines

2. Typical Content of Traffic Impact Studies (TIS):
3.c.2. The LOS for signalized intersections shall be based on the Intersection Capacity Utilization (ICU) method and the service flow rates adopted by the Ventura County Transportation Commission for the Congestion Management Plan.

Exhibit 14
Guidance for Calculating Level of Service (LOS)

Level of Service (LOS) for signalized intersections on the CMP network shall be calculated using the Intersection Capacity Utilization (ICU) method. LOS on freeway and select road segments will be measured using methods described in the Highway Capacity Manual.

The ICU method includes a number of variables which, depending on the value assigned to each, can have a dramatic effect on LOS. For CMP monitoring purposes, the following guidelines are to be used to calculate LOS using the ICU method:

Phasing/split phasing: Shared left/through lanes will be treated as split phased.

Right-turn overlap: The overlapping left-turn volume will be subtracted from the right-turn volume and then compared to the opposing through volume to determine the critical move.

Right-turn on Red: An average of 40% right-turns on red should be used for LOS calculations. If a separate right-turn lane is provided, the through lane should be used as the critical movement even if the right-turn volume is higher. Where a right-turn overlap phase is provided, the overlapping left-turn volume should be subtracted from the right-turn volume and then the remaining right-turn volume would be compared to the through volume per lane to determine the critical movement.

Lane Distribution: It should be assumed that traffic is evenly distributed among all the lanes.

Split Phasing: When an intersection approach has a shared left/through lane, it should be treated as having split phasing for the purpose of calculating LOS.

LOS threshold: LOS will be calculated to 2 decimal points.

Intersection proximity: Each intersection will be analyzed separately.

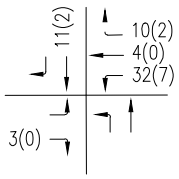
Multiple left-turn lanes: Assume uniform lane distribution.

Saturation flow rate: 1,850 vehicles per lane per hour with an adjustment factor of 14%-15% (the adjustment factor represents a combination of start-up delay, unequal lane distribution, and lost time during clearance. Application of this factor effectively reduces the saturation flow rate to approximately 1,600 vehicles per lane per hour).

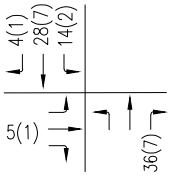
ICU	LOS
0 to 60%	A
>60% to 70%	B
>70% to 80%	C
>80% to 90%	D
>90% to 100%	E
>100% to 110%	F
>110% to 120%	G
>120%	H

Appendix 2
Exhibits A & B

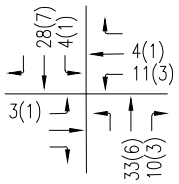
3. Rose Ave & Walnut Dr



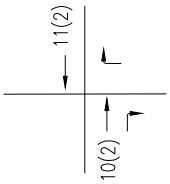
4. Rose Ave & Orange Dr



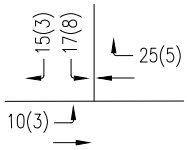
5. Rose Ave & Collins St



A. Rose Ave & School Lot C



B. Collins St & School Dwy

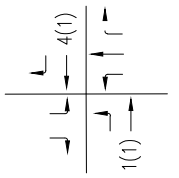




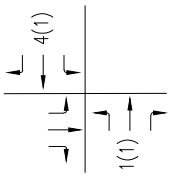
N.T.S.

Middle School Trips

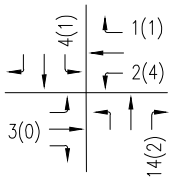
3. Rose Ave & Walnut Dr



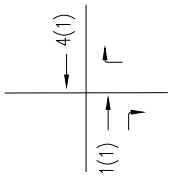
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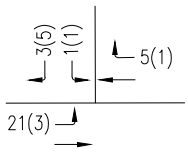
5. Rose Ave & Collins St



A. Rose Ave & School Lot C



B. Collins St & School Dwy





District Maintenance Facility/Bus Depot Trips

LEGEND

XX(XX) - AM(PM) Peak Hour Volume

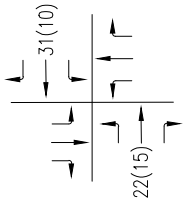
- Traffic Direction

Stantec

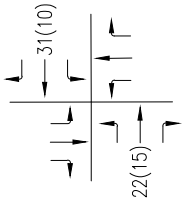
200 East Carrillo Street, Santa Barbara, CA 93101
Phone: (805) 963-9532

EXHIBIT A
PROJECT TRAFFIC VOLUMES

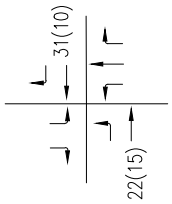
1. Rose Ave & Central Ave



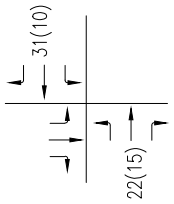
2. Rose Ave & Simon Wy



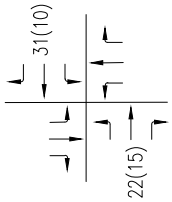
3. Rose Ave & Walnut Dr



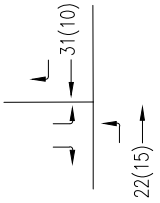
4. Rose Ave & Orange Dr



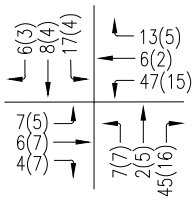
5. Rose Ave & Collins St



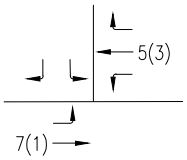
6. Rose Ave & Stroube St



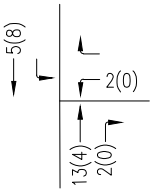
7. Rose Ave & Ventura Blvd



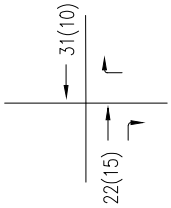
8. Ventura Blvd & Auto Center Dr



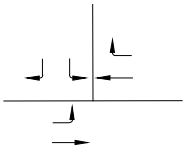
9. Santa Clara Ave & Ventura Blvd



A. Rose Ave & School Lot C



B. Collins St & School Dwy

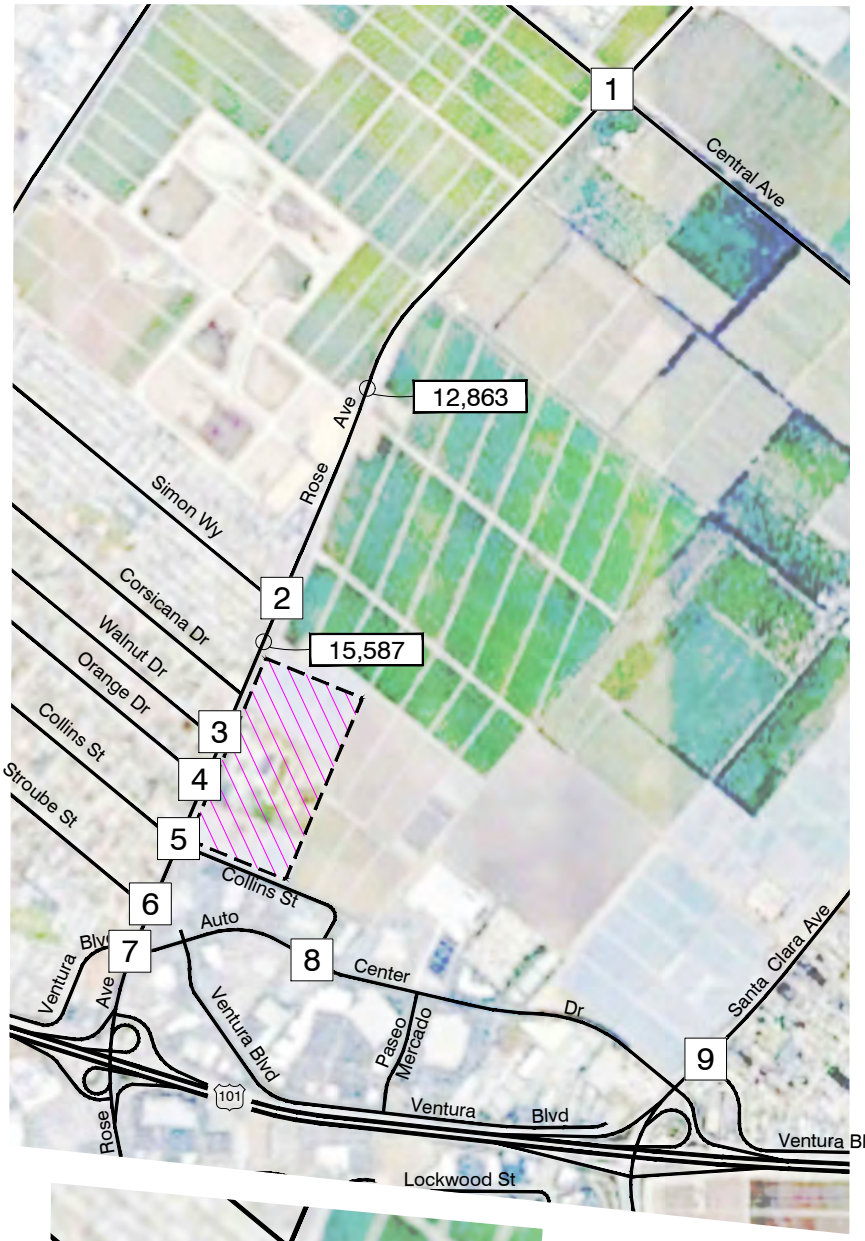


LEGEND

XX(XX) - AM(PM) Peak Hour Volume

- Traffic Direction

XX - Average Daily Traffic Volume





N.T.S.

Stantec

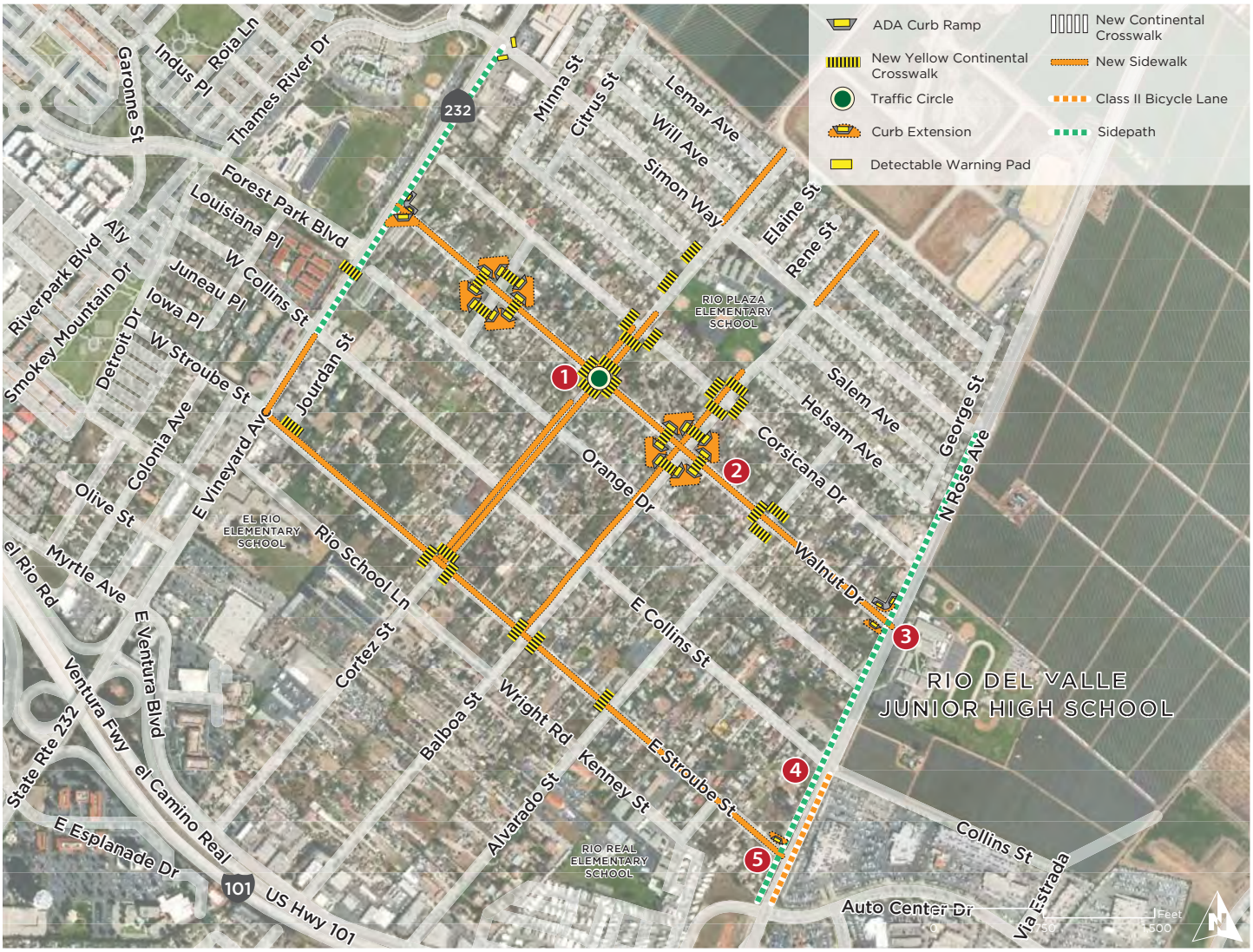
200 East Carrillo Street, Santa Barbara, CA 93101
Phone: (805) 963-9532

EXHIBIT B
CUMULATIVE- ADDED TRAFFIC VOLUMES

Appendix 3

SRTS Improvement Exhibit and Rose Avenue Bike Lanes Exhibits

RIO DEL VALLE JUNIOR HIGH SCHOOL
RECOMMENDED IMPROVEMENTS MAP



Priority Long-Term Engineering Recommendations

1 Walnut Drive and Alvarado Street
Mini roundabout

2 Walnut Drive from Vineyard Boulevard to Rose Avenue
Sidewalks (both sides of street)

3 Rose Avenue and Walnut Drive
Curb extensions (NW and SW corners)

4 Rose Avenue and Collins Street
Curb extensions

5 Rose Avenue and Stroube Street
Curb extensions (NW and SW corners)

CONSTRUCTION NOTES:

1. INSTALL WHITE BIKE LANE LINE DETAIL 39 PER CALTRANS STD. PLAN A20D.
2. INSTALL YELLOW MEDIAN ISLAND DETAIL 29 PER CALTRANS STD. PLAN A20B.
3. INSTALL YELLOW TWO-WAY LEFT TURN DETAIL 32 PER CALTRANS STD. PLAN A20B.
4. INSTALL WHITE STOP PAVEMENT MARKING PER CALTRANS STD. PLAN A24D.
5. INSTALL WHITE BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD. PLAN A24C AND WHITE BIKE LANE ARROW PER CALTRANS STD. PLAN A24A).
6. INSTALL WHITE BIKE LANE INTERSECTION LINE DETAIL 39A PER CALTRANS STD. PLAN A20D.
7. INSTALL WHITE RIGHT EDGELINE DETAIL 27B PER CALTRANS STD. PLAN A20B.
8. INSTALL WHITE LANELINE DETAIL 12 INSTALL PER CALTRANS STD. PLAN A20A.
9. INSTALL WHITE CHANNELIZING LINE DETAIL 38 PER CALTRANS STD. PLAN A20D.
10. INSTALL WHITE LIMIT LINE (STOP LINE) PER CALTRANS STD. PLAN A24E.
11. INSTALL WHITE TYPE IV (L) ARROW PER CALTRANS STD. PLAN A24A.
12. INSTALL WHITE TYPE IV (R) ARROW PER CALTRANS STD. PLAN A24A.
13. INSTALL TRAFFIC SIGNAL LOOPS, CONNECT TO TRAFFIC SIGNAL BOX PER PROJECT SPECIAL PROVISIONS.
14. INSTALL RIGHT EDGELINE EXTENSION THROUGH INTERSECTIONS PER DETAIL 27C CALTRANS STD. PLAN A20B.
15. INSTALL LANE LINE EXTENSION THROUGH INTERSECTIONS PER DETAIL 40 CALTRANS STD. PLAN A20D.
16. INSTALL VENTURA COUNTY BIKE ROUTE SIGN D11-1 MODIFIED AS SHOWN PER DETAIL HEREON.
17. REMOVE AND RELOCATE EXISTING TRAFFIC SIGNAL BOX
18. REMOVE AND RELOCATE EXISTING TRAFFIC SIGNAL CABINET.
19. REMOVE AND RELOCATE EXISTING TRAFFIC SIGNAL / TRAFFIC SIGNAL ARM.
20. REMOVE AND RELOCATE EXITING SIGNAL MESSAGE BOARD AND FLASHING BEACONS.
21. INSTALL 4" THICK LEAD LINE.
22. INSTALL LADDER CROSSWALK PER CALTRANS STD. PLAN A24F.
23. INSTALL WHITE SIGNAL AHEAD PAVEMENT MARKING PER CALTRANS STD. PLAN A24D.
24. INSTALL WHITE TYPE VII (R) ARROW PER CALTRANS STD. PLAN A24A.

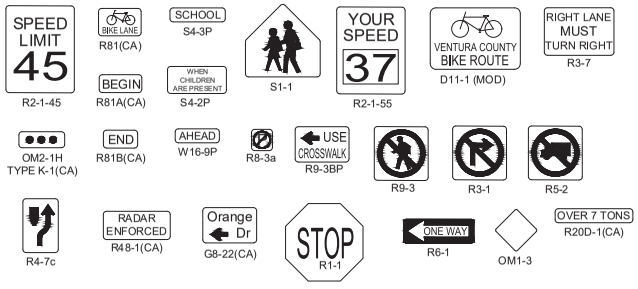
LEGEND

- (IS) INSTALL NEW SIGN
- (E) EXISTING SIGN TO REMAIN IN PLACE
- (RR) REMOVE AND REPLACE WITH NEW SIGN
- (R) REMOVE EXISTING SIGN
- 12' NEW LANE WIDTH

SIGNING AND STRIPING GENERAL NOTES:

1. INSTALLATION OF ALL SIGNING, STRIPING AND PAVEMENT MARKERS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
2. ALL SIGNING AND STRIPING SHALL CONFORM TO 2015 CALTRANS STANDARD PLANS AND SPECIFICATIONS AND THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CAMUTCD).
3. NOTIFY COUNTY TRAFFIC ENGINEER AT (805) 654-2063 FOR APPROVAL OF MARK-OUT. A MINIMUM OF 48 HOURS PRIOR NOTICE IS REQUIRED.
4. THE CONTRACTOR SHALL REMOVE ALL CONFLICTING STRIPING, PAVEMENT MARKINGS AND LEGENDS BY SANDBLASTING AND/OR GRINDING. ANY DEBRIS SHALL BE PROMPTLY REMOVED BY THE CONTRACTOR.
5. SIGN POSTS SHALL BE INSTALLED WITH SQUARE PERFORATED STEEL TUBING WITH A BREAKAWAY BASE PER COUNTY OF VENTURA ROAD STANDARDS SIGN POST INSTALLATION PLATE F-3.
6. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLANS SHALL BE NEW SIGNS PROVIDED AND INSTALLED BY THE CONTRACTOR, EXCEPT FOR EXISTING SIGNS SPECIFICALLY INDICATED TO BE RELOCATED OR REMAIN.
7. NEW STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

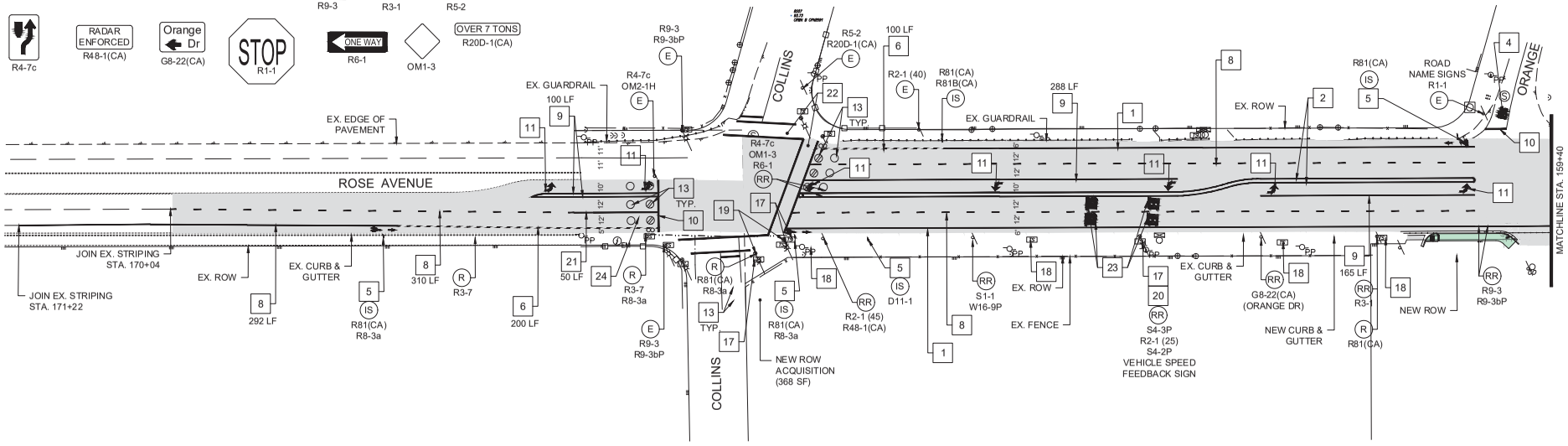
SIGN LEGEND



GRAPHIC SCALE

0 20 40 80

1 inch = 40 ft.



D			
C			
B			
A			
△	REVISION DESCRIPTION	APP.	DATE

DESIGNED JH
DRAWN JH
CHECKED GF
APPROVED

COUNTY OF VENTURA
PUBLIC WORKS AGENCY
TRANSPORTATION DEPARTMENT

SPEC NO. RD24-XX
PROJ. NO. 50621

ROSE AVENUE BIKE LANES PHASE II

SIGNING AND STRIPING PLAN
STA. 171+22 TO STA. 159+40

SHEET 9 OF 10

XXXXX

CONSTRUCTION NOTES:

1. INSTALL WHITE BIKE LANE LINE DETAIL 39 PER CALTRANS STD. PLAN A20D.
2. INSTALL YELLOW MEDIAN ISLAND DETAIL 29 PER CALTRANS STD. PLAN A20B.
3. INSTALL YELLOW TWO-WAY LEFT TURN DETAIL 32 PER CALTRANS STD. PLAN A20B.
4. INSTALL STOP PAVEMENT MARKING PER CALTRANS STD. PLAN A24D.
5. INSTALL WHITE BIKE LANE SYMBOL WITH PERSON PER CALTRANS STD. PLAN A24C AND WHITE BIKE LANE ARROW PER CALTRANS STD. PLAN A24A).
6. INSTALL WHITE BIKE LANE INTERSECTION LINE DETAIL 39A PER CALTRANS STD. PLAN A20D.
7. INSTALL WHITE RIGHT EDGELINE DETAIL 27B PER CALTRANS STD. PLAN A20B.
8. INSTALL WHITE LANELINE DETAIL 12 INSTALL PER CALTRANS STD. PLAN A20A.
9. INSTALL WHITE CHANNELIZING LINE DETAIL 38 PER CALTRANS STD. PLAN A20D.
10. INSTALL WHITE LIMIT LINE (STOP LINE) PER CALTRANS STD. PLAN A24E.
11. INSTALL WHITE TYPE IV (L) ARROW PER CALTRANS STD. PLAN A24A.
12. INSTALL WHITE TYPE IV (R) ARROW PER CALTRANS STD. PLAN A24A.
13. INSTALL TRAFFIC SIGNAL LOOPS, CONNECT TO TRAFFIC SIGNAL BOX PER PROJECT SPECIAL PROVISIONS.
14. INSTALL RIGHT EDGELINE EXTENSION THROUGH INTERSECTIONS PER DETAIL 27C CALTRANS STD. PLAN A20B.
15. INSTALL LANE LINE EXTENSION THROUGH INTERSECTIONS PER DETAIL 40 CALTRANS STD. PLAN A20D.
16. INSTALL VENTURA COUNTY BIKE ROUTE SIGN D11-1 MODIFIED AS SHOWN PER DETAIL HEREON.
17. REMOVE AND RELOCATE EXISTING TRAFFIC SIGNAL BOX
18. REMOVE AND RELOCATE EXISTING TRAFFIC SIGNAL CABINET.
19. REMOVE AND RELOCATE EXISTING TRAFFIC SIGNAL / TRAFFIC SIGNAL ARM.
20. REMOVE AND RELOCATE EXITING SIGNAL MESSAGE BOARD AND FLASHING BEACONS.
21. INSTALL 4" THICK LEAD LINE.
22. INSTALL LADDER CROSSWALK PER CALTRANS STD. PLAN A24F.

LEGEND

- (IS) INSTALL NEW SIGN
- (E) EXISTING SIGN TO REMAIN IN PLACE
- (RR) REMOVE AND REPLACE WITH NEW SIGN
- (R) REMOVE EXISTING SIGN
- 12' NEW LANE WIDTH

SIGN LEGEND

SPEED LIMIT 45 R2-1-45 | BIKE LANE R81(CA) | SCHOOL S4-3P | WHEN CHILDREN ARE PRESENT S4-2P | S1-1 | YOUR SPEED 37 R2-1-55 | STOP R1-1

AHEAD W16-9P | NO PED CROSSING USE CROSSWALK R49(CA) | R9-3 | USE CROSSWALK R9-3BP | R3-1

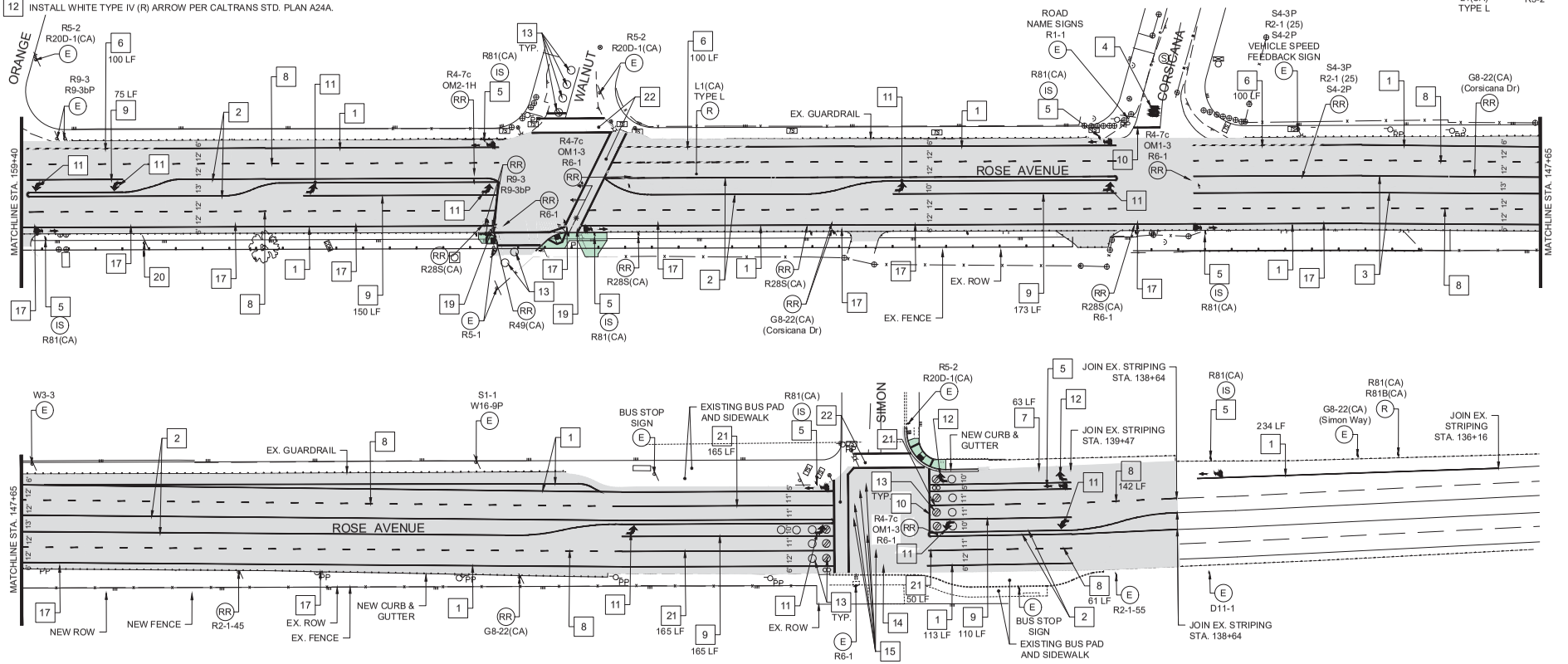
NO STOPPING ANY TIME R28S(CA) | W3-3 | Corsicana Dr G8-22(CA) | DO NOT ENTER R5-1 | ONE WAY R6-1 | END R81B(CA)

R4-7c | OM1-3 | VENTURA COUNTY BIKE ROUTE D11-1 (MOD) | OVER 7 TONS R20D-1(CA) | L1(CA) TYPE L | R5-2

GRAPHIC SCALE

0 20 40 80

1 inch = 40 ft.



REVISION	DESCRIPTION	APP.	DATE
D			
C			
B			
A			
△			

DESIGNED JH
DRAWN JH
CHECKED GF
APPROVED

COUNTY OF VENTURA
PUBLIC WORKS AGENCY
TRANSPORTATION DEPARTMENT

SPEC NO. RD24-XX
PROJ. NO. 50621

ROSE AVENUE BIKE LANES PHASE II

SIGNING AND STRIPING PLAN
STA. 159+40 TO STA.138+64

SHEET 10
OF 10
XXXXX

Appendix 4

County and City Cumulative Projects Lists and Trip Generation Worksheet

DEL VALLE MIDDLE SCHOOL
APPROVED & PENDING PROJECTS TRIP GENERATION - CITY OF OXNARD

	City of Oxnard ID	Land Use	Size		Pass-by Factor	ADT Rate	ADT Trips	A.M. Rate	A.M. Trips	A.M. In %	A.M. In Trips	A.M. Out %	A.M. Out Trips	P.M. Rate	P.M. Trips	P.M. In %	P.M. In Trips	P.M. Out %	P.M. Out Trips
Institutional																			
		Total					***0***		***0***		***0***		***0***		***0***		***0***		***0***
Industrial																			
		Total					***0***		***0***		***0***		***0***		***0***		***0***		***0***
Commercial																			
4	21-500-03	Commercial (Apparel)	-7,080	S.F.	0.60	66.40	-283	1.00	-5	80%	-4	20%	-1	4.12	-17	51%	-9	49%	-8
		Coffee Shop (Drive-Thru)	1,800	S.F.	0.60	533.60	576	85.88	93	51%	47	49%	46	38.99	42	50%	21	50%	21
5	21-500-04	Commercial (Strip Retail Plaza)	-18,000	S.F.	0.60	54.45	-588	2.36	-25	60%	-15	40%	-10	6.59	-71	50%	-36	50%	-35
		Fast-Food Restaurant (Drive-Thru)	3,885	S.F.	0.60	467.48	1,091	44.61	104	51%	53	49%	51	33.03	77	52%	40	48%	37
18	19-500-01	Car Rental	25,000	S.F.	1.00	12.70	318	0.50	13	54%	7	46%	6	1.00	25	50%	12	50%	13
22	18-530-02	Cell Tower	N/A		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Total					***1,114***		***180***		***88***		***92***		***56***		***28***		***28***
Residential																			
		Total					***0***		***0***		***0***		***0***		***0***		***0***		***0***
		Cumulative Projects Total:					**1,114**		**180**		**88**		**92**		**56**		**28**		**28**

DESCRIPTION

New rental office, auto carwash, and lot for 40+ rental vehicles. Located NW Rose Ave & Ventura Blvd Oxnard CA

SQF (Net)

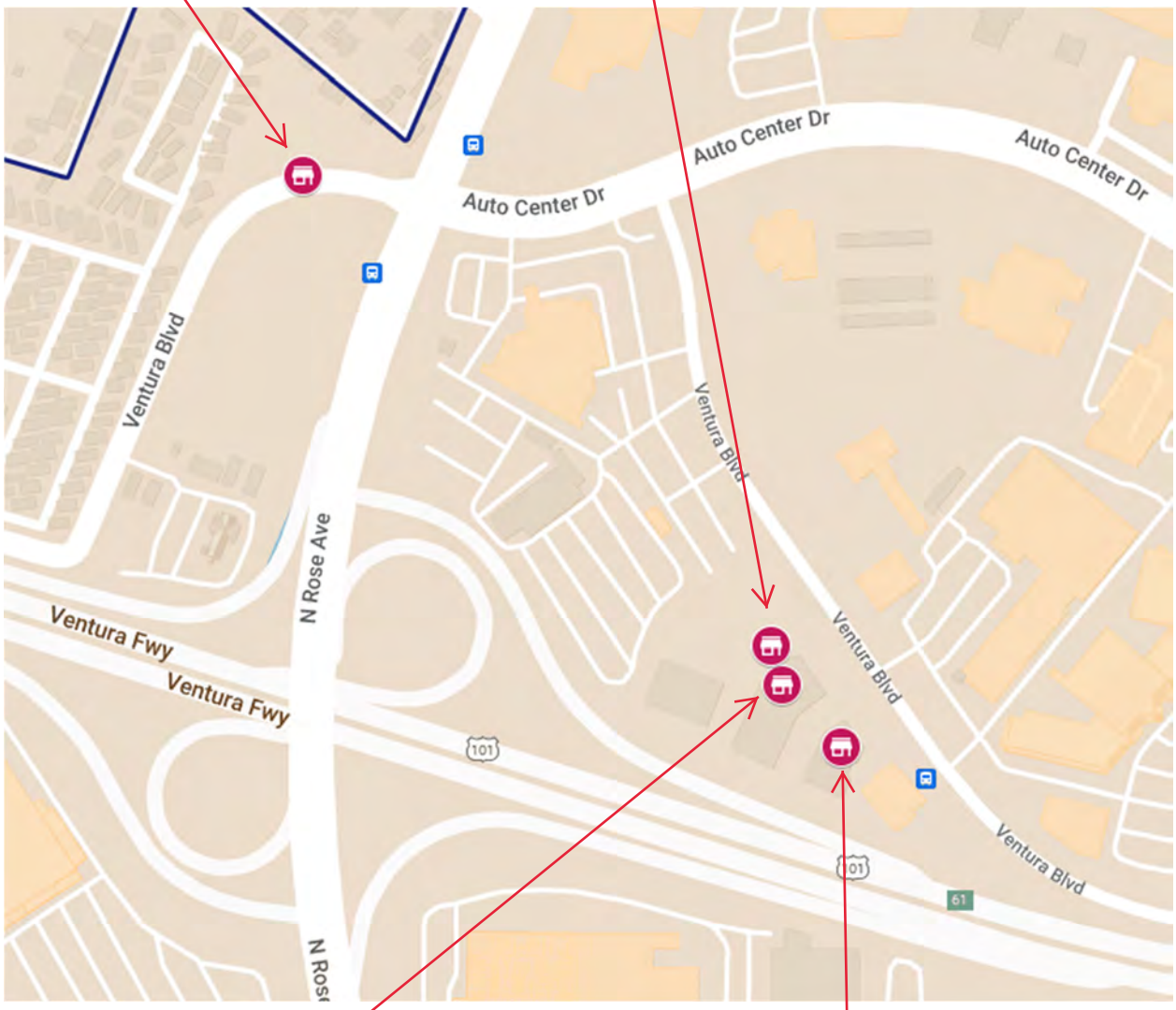
1600

DESCRIPTION

Construction of a wireless communications facility designed as a 40 foot tall faux eucalyptus tree with associated ground mounted equipment. APN: 144-0-134-065

SQF (Net)

540



DESCRIPTION

Demolition of existing 18,000 square foot commercial structure and site improvements to construct a new 3,885 square foot, In-N-Out Burger drive-thru restaurant with 23 car stacking lane and 74 parking spaces on a 1.47 acre lot in the Rose-Santa Clara Specific Plan area.

DESCRIPTION

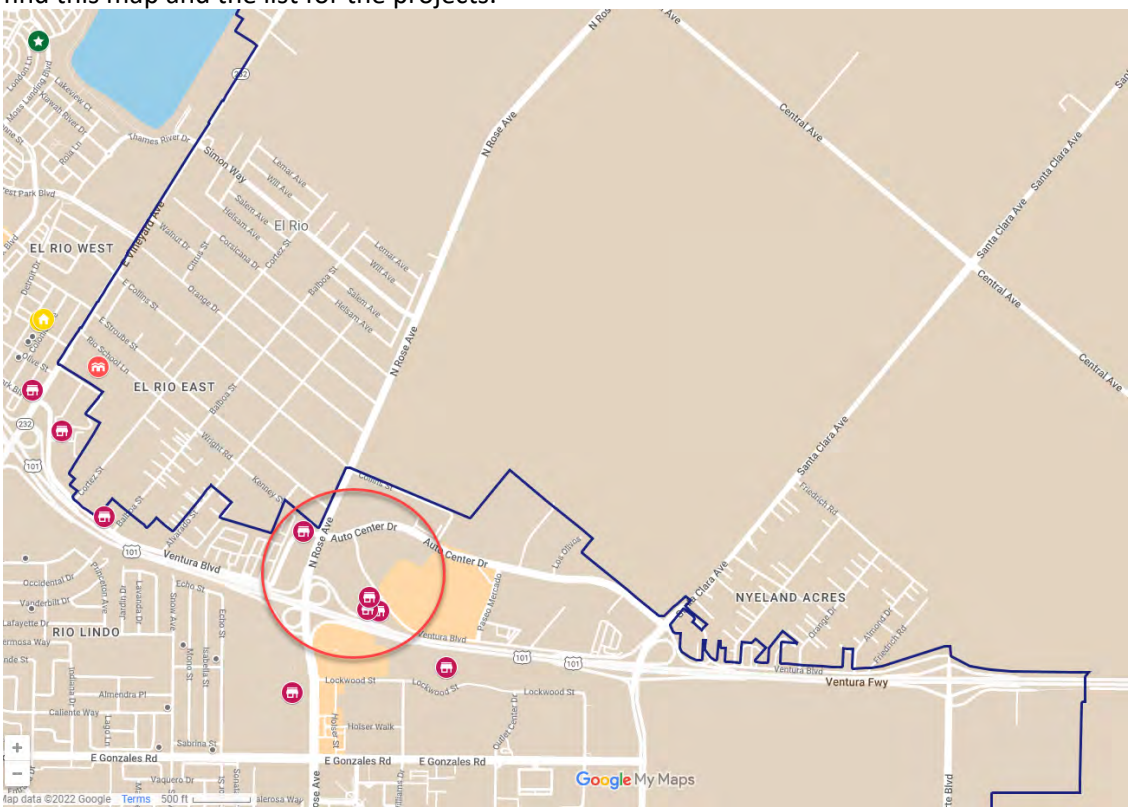
Demolition of existing 7,080 square foot commercial structure and construct a new 1,800 square foot Starbucks Coffee with drive-thru and 15 car stacking lane and 27 parking spaces on an 0.85 acre lot in the Rose-Santa Clara Specific Plan area.

Lammers, Dennis

From: Rivera, Jose <jose.rivera@oxnard.org>
Sent: Wednesday, March 9, 2022 2:19 PM
To: Lammers, Dennis
Cc: Bihis, Earnel
Subject: Re: Del Sol Middle School traffic study

Hi Dennis,

Attacched is the map showing four commercial projects near to your project site. I also attached the link where you can find this map and the list for the projects.



https://www.oxnard.org/city-department/development-services/project-list/

Project IDs:
2, 3, 11, 15.

Please let me know if you have any questions.

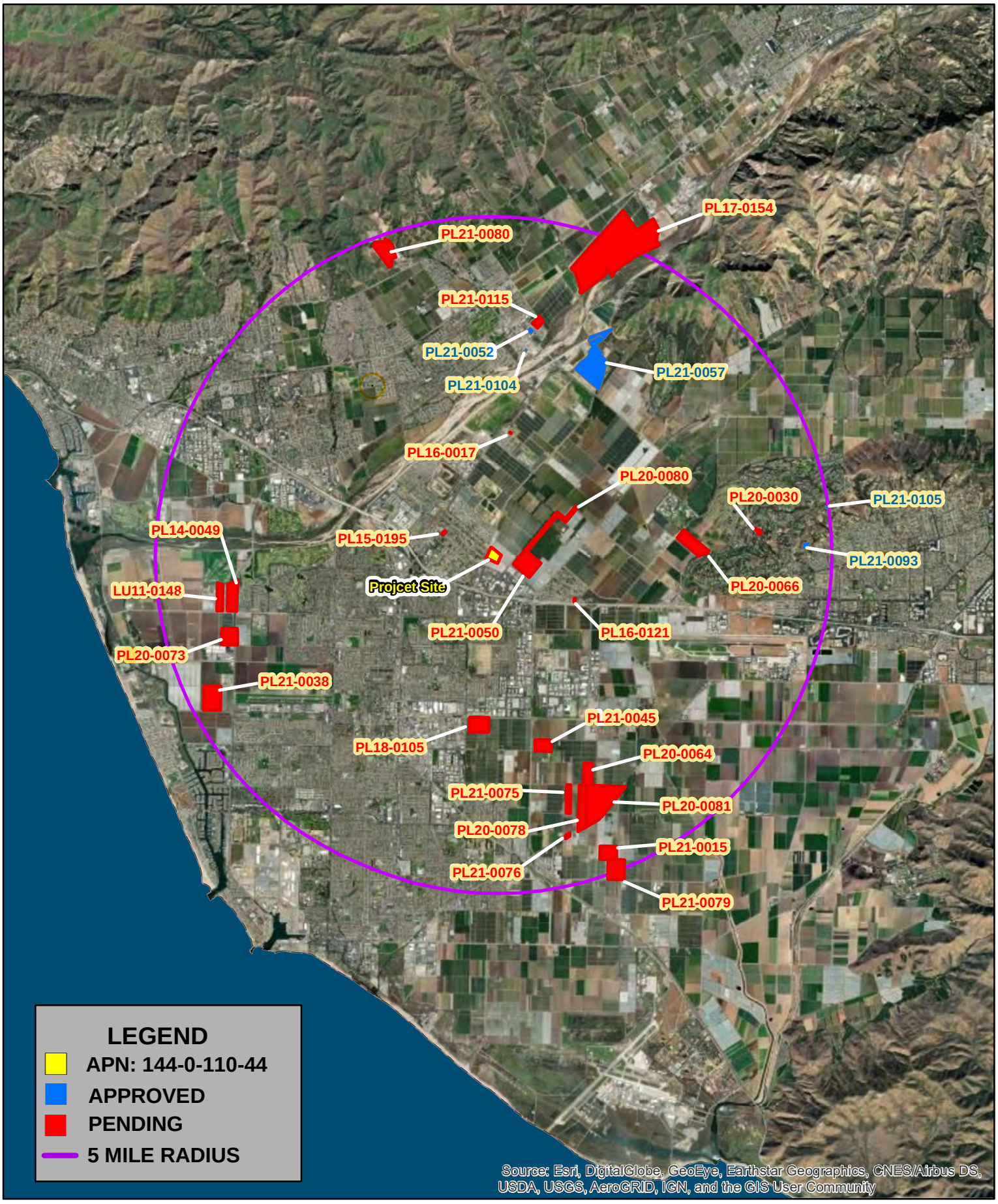
Thanks,

Jose Rivera - Assistant Transportation Engineer
Public Works Department, Transportation & Mobility
214 South C Street, Service Center, North Wing
Oxnard, California 93030
O: 805.385.7873 C: 805.612.6653
www.oxnard.org

DEL VALLE MIDDLE SCHOOL
APPROVED & PENDING PROJECTS TRIP GENERATION - COUNTY OF VENTURA

County of Ventura ID	Land Use	Size	Pass-by Factor	ADT Rate	ADT Trips	A.M. Rate	A.M. Trips	A.M. In %	A.M. In Trips	A.M. Out %	A.M. Out Trips	P.M. Rate	P.M. Trips	P.M. In %	P.M. In Trips	P.M. Out %	P.M. Out Trips
Institutional																	
PL15-0195	Assembly Use	3,128 S.F	1.00	7.6	24	0.32	1	62%	1	38%	0	0.49	2	44%	1	56%	1
PL16-0121***	Project data not available	n/a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL16-0017	Mutual Water Co. infrastructure Impr.	n/a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0057	UWCD Recharge Basin	n/a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total				***24***		***1***		***1***		***0***		***2***		***1***		***1***
Industrial																	
PL18-0105	Oil/Gas Facility CUP Extension	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total				***0***		***0***		***0***		***0***		***0***		***0***		***0***
Commercial																	
PL14-0049	See LU11-0049		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LU11-0148*	Greenhouse CUP Mod.	96 Empl.	1.00	3.1	248	0.69	55	85%	47	15%	8	49%	39	20%	8	80%	31
PL17–0154**	Compost facility	52 Empl.	-	-	656	-	33	-	18	-	15	-	10	-	23	-	33
PL20-0030	Lot Line Adjustment		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL20-0066	New 10-year LCA Contract	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL20-0073	New 10-year LCA Contract	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL20-0078	New 20-year LCA Contract	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL20-0080	New 10-year LCA Contract	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL20-0081	New 20-year LCA Contract	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0015	Ex. Ag. Storage Facility CUP	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0038	Ag. Facility Continued PD	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0045	Ag. Facility Site Improvements	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0050	New LCA Contract	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0052***	Project data not available	n/a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0064	New 10-year LCA Contract	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0076	New 20-year LCA Contract	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0079	New LCA Contract	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0080	New 10-year LCA Contract	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0093***	ITO Bros Inc/project data n/a	n/a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0104***	Project data not available	n/a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PL21-0105	Ex. Facilities Permitting	no change	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total				***904***		***88***		***65***		***23***		***49***		***31***		***64***
Residential																	
	Total				***0***		***0***		***0***		***0***		***0***		***0***		***0***
	Cumulative Projects Total:				**928**		**89**		**66**		**23**		**51**		**32**		**65**

* Rates from ITE #110 - General Light Industrial (96 employees minus 16 farmhouse occupancy = 80 commuting employees).
** Trip generation derived from Traffic Study, ATE 02/23/2017
*** Project data not available on County's Pending Projects list or Approved Projects list (RMA - Planning Division, June 8, 2022). No replies to inquiries received from RMA - Planning Division staff.



Ventura County,California
Resource Management Agency
GIS Development & Mapping Services
Map Created on 04-11-2022
This aerial imagery is under the copyrights of Pictometry
Source: Vexcel 2020

5 Miles Radius Map of parcel
APN: 144-0-110-44
Project: Site Place

0 1 2 Miles

Disclaimer: This Map was created by the Ventura County Resource Management Agency, Mapping Services - GIS which is designed and operated solely for the convenience of the County and related public agencies. The County does no twarrant the accuracy of this mapand no decision involving a risk of economic loss or physical injury should be made in reliance thereon.

RH

Appendix 5

Roadway and Intersection Counts

Prepared by National Data & Surveying Services

VOLUME

Rose Ave N/O Simon Way

Day: Tuesday
Date: 3/1/2022

City: Oxnard
Project #: CA22_050012_001

DAILY TOTALS	NB	SB	EB	WB	Total
	6,448	6,363	0	0	12,811

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	10		4				14		12:00	60		109				169	
00:15	9		5				14		12:15	90		122				212	
00:30	10		3				13		12:30	83		132				215	
00:45	4	33	8	20			12	53	12:45	74	307	106	469			180	776
01:00	4		0				4		13:00	86		188				274	
01:15	2		1				3		13:15	102		144				246	
01:30	2		2				4		13:30	89		90				179	
01:45	2	10	3	6			5	16	13:45	78	355	91	513			169	868
02:00	4		0				4		14:00	88		71				159	
02:15	3		7				10		14:15	90		78				168	
02:30	3		9				12		14:30	120		74				194	
02:45	3	13	4	20			7	33	14:45	120	418	132	355			252	773
03:00	4		2				6		15:00	134		136				270	
03:15	8		1				9		15:15	126		123				249	
03:30	3		3				6		15:30	160		130				290	
03:45	2	17	15	21			17	38	15:45	147	567	255	644			402	1211
04:00	12		8				20		16:00	132		196				328	
04:15	14		12				26		16:15	124		102				226	
04:30	25		9				34		16:30	106		128				234	
04:45	27	78	20	49			47	127	16:45	114	476	98	524			212	1000
05:00	32		31				63		17:00	130		121				251	
05:15	47		40				87		17:15	117		106				223	
05:30	92		49				141		17:30	114		114				228	
05:45	126	297	71	191			197	488	17:45	87	448	91	432			178	880
06:00	191		50				241		18:00	98		97				195	
06:15	257		64				321		18:15	84		74				158	
06:30	248		93				341		18:30	82		79				161	
06:45	90	786	101	308			191	1094	18:45	75	339	64	314			139	653
07:00	70		96				166		19:00	66		41				107	
07:15	78		104				182		19:15	67		54				121	
07:30	106		129				235		19:30	60		31				91	
07:45	128	382	111	440			239	822	19:45	39	232	33	159			72	391
08:00	192		129				321		20:00	40		21				61	
08:15	192		151				343		20:15	41		25				66	
08:30	58		160				218		20:30	30		23				53	
08:45	61	503	116	556			177	1059	20:45	46	157	16	85			62	242
09:00	51		81				132		21:00	48		27				75	
09:15	58		82				140		21:15	19		27				46	
09:30	61		84				145		21:30	19		9				28	
09:45	67	237	89	336			156	573	21:45	21	107	17	80			38	187
10:00	72		94				166		22:00	16		28				44	
10:15	62		80				142		22:15	17		22				39	
10:30	70		94				164		22:30	16		7				23	
10:45	79	283	118	386			197	669	22:45	8	57	7	64			15	121
11:00	71		87				158		23:00	10		11				21	
11:15	83		92				175		23:15	9		10				19	
11:30	69		103				172		23:30	11		3				14	
11:45	85	308	76	358			161	666	23:45	8	38	9	33			17	71
TOTALS		2947		2691				**5638**	**TOTALS**		3501		3672				**7173**
SPLIT %		52.3%		47.7%				**44.0%**	**SPLIT %**		48.8%		51.2%				**56.0%**

DAILY TOTALS	NB	SB	EB	WB	Total
	6,448	6,363	0	0	12,811

AM Peak Hour	05:45	08:00				**07:30**	**PM Peak Hour**	15:00	15:15				**15:15**
AM Pk Volume	822	556				**1138**	**PM Pk Volume**	567	704				**1269**
Pk Hr Factor	0.800	0.869				**0.829**	**Pk Hr Factor**	0.886	0.690				**0.789**
7 - 9 Volume	885	996	0	0		**1881**	**4 - 6 Volume**	924	956	0	0		**1880**
7 - 9 Peak Hour	07:30	08:00				**07:30**	**4 - 6 Peak Hour**	16:00	16:00				**16:00**
7 - 9 Pk Volume	618	556	0	0		**1138**	**4 - 6 Pk Volume**	476	524	0	0		**1000**
Pk Hr Factor	0.805	0.869	0.000	0.000		**0.829**	**Pk Hr Factor**	0.902	0.668	0.000	0.000		**0.762**

Prepared by National Data & Surveying Services

VOLUME

Rose Ave S/O Simon Way

Day: Tuesday
Date: 3/1/2022

City: Oxnard
Project #: CA22_050012_002

DAILY TOTALS	NB	SB	EB	WB	Total
	7,636	7,864	0	0	15,500

AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL	
00:00	10		7				17		12:00	79		131				210	
00:15	14		7				21		12:15	109		144				253	
00:30	14		3				17		12:30	104		147				251	
00:45	5	43	8	25			13	68	12:45	86	378	141	563			227	941
01:00	7		1				8		13:00	126		225				351	
01:15	4		2				6		13:15	129		168				297	
01:30	3		4				7		13:30	102		115				217	
01:45	2	16	2	9			4	25	13:45	112	469	110	618			222	1087
02:00	3		0				3		14:00	104		87				191	
02:15	3		8				11		14:15	125		103				228	
02:30	6		10				16		14:30	140		109				249	
02:45	3	15	7	25			10	40	14:45	149	518	164	463			313	981
03:00	5		5				10		15:00	149		161				310	
03:15	7		2				9		15:15	161		135				296	
03:30	3		7				10		15:30	170		147				317	
03:45	2	17	22	36			24	53	15:45	160	640	255	698			415	1338
04:00	10		11				21		16:00	150		200				350	
04:15	16		15				31		16:15	152		118				270	
04:30	26		18				44		16:30	130		132				262	
04:45	26	78	35	79			61	157	16:45	149	581	136	586			285	1167
05:00	32		36				68		17:00	151		142				293	
05:15	49		53				102		17:15	148		135				283	
05:30	91		79				170		17:30	149		134				283	
05:45	146	318	103	271			249	589	17:45	115	563	116	527			231	1090
06:00	197		72				269		18:00	119		127				246	
06:15	250		96				346		18:15	130		88				218	
06:30	270		122				392		18:30	107		100				207	
06:45	105	822	127	417			232	1239	18:45	99	455	77	392			176	847
07:00	67		118				185		19:00	85		57				142	
07:15	98		143				241		19:15	92		63				155	
07:30	110		167				277		19:30	74		52				126	
07:45	126	401	165	593			291	994	19:45	56	307	52	224			108	531
08:00	178		158				336		20:00	60		35				95	
08:15	182		182				364		20:15	55		36				91	
08:30	79		182				261		20:30	34		41				75	
08:45	66	505	139	661			205	1166	20:45	55	204	26	138			81	342
09:00	64		102				166		21:00	62		31				93	
09:15	73		107				180		21:15	35		28				63	
09:30	68		97				165		21:30	31		16				47	
09:45	88	293	120	426			208	719	21:45	28	156	27	102			55	258
10:00	90		108				198		22:00	24		30				54	
10:15	75		95				170		22:15	27		32				59	
10:30	81		116				197		22:30	21		12				33	
10:45	83	329	139	458			222	787	22:45	12	84	10	84			22	168
11:00	92		98				190		23:00	15		13				28	
11:15	103		116				219		23:15	18		12				30	
11:30	88		126				214		23:30	14		3				17	
11:45	106	389	93	433			199	822	23:45	8	55	8	36			16	91
TOTALS		3226		3433				**6659**	**TOTALS**		4410		4431				**8841**
SPLIT %		48.4%		51.6%				**43.0%**	**SPLIT %**		49.9%		50.1%				**57.0%**

DAILY TOTALS	NB	SB	EB	WB	Total
	7,636	7,864	0	0	15,500

AM Peak Hour	05:45	07:45					**07:30**		**PM Peak Hour**	15:15	15:15					**15:15**		
AM Pk Volume	863	687					**1268**		**PM Pk Volume**	641	737					**1378**		
Pk Hr Factor	0.799	0.944					**0.871**		**Pk Hr Factor**	0.943	0.723					**0.830**		
7 - 9 Volume	906	1254	0	0			**2160**		**4 - 6 Volume**	1144	1113	0	0			**2257**		
7 - 9 Peak Hour	07:30	07:45					**07:30**		**4 - 6 Peak Hour**	16:45	16:00					**16:00**		
7 - 9 Pk Volume	596	687	0	0			**1268**		**4 - 6 Pk Volume**	597	586	0	0			**1167**		
Pk Hr Factor	0.819	0.944	0.000	0.000			**0.871**		**Pk Hr Factor**	0.988	0.733	0.000	0.000			**0.834**		

National Data & Surveying Services Intersection Turning Movement Count

Location: Rose Ave & Central Ave
City: Oxnard
Control: Signalized

Project ID: 22-050013-002
Date: 3/1/2022

Data - Totals

NS/EW Streets:	Rose Ave				Rose Ave				Central Ave				Central Ave				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	1	1	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	3	49	9	0	18	60	1	0	1	84	30	0	3	34	11	0	303
7:15 AM	22	49	6	0	20	73	2	0	1	103	39	0	3	50	17	0	385
7:30 AM	44	42	13	0	32	73	2	0	1	120	45	0	4	69	23	0	468
7:45 AM	60	43	27	0	31	60	4	0	7	138	57	0	5	66	14	0	512
8:00 AM	112	51	11	0	32	75	13	0	2	111	54	0	9	101	20	0	591
8:15 AM	121	78	10	0	28	61	41	0	3	125	82	0	6	112	11	0	678
8:30 AM	30	38	3	0	24	56	4	0	4	142	87	0	3	51	24	0	466
8:45 AM	17	38	6	0	24	87	2	0	2	74	28	0	3	37	13	0	331
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	409	388	85	0	209	545	69	0	21	897	422	0	36	520	133	0	3734
APPROACH %'s :	46.37%	43.99%	9.64%	0.00%	25.39%	66.22%	8.38%	0.00%	1.57%	66.94%	31.49%	0.00%	5.22%	75.47%	19.30%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	337	214	61	0	123	269	60	0	13	494	238	0	24	348	68	0	2249
PEAK HR FACTOR :	0.696	0.686	0.565	0.000	0.961	0.897	0.366	0.000	0.464	0.895	0.726	0.000	0.667	0.777	0.739	0.000	0.829
	0.732				0.869				0.887				0.846				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	1	1	1	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	47	75	13	0	21	75	2	0	0	84	76	0	21	83	53	0	550
4:15 PM	40	65	8	0	12	51	7	0	0	59	37	0	19	124	31	0	453
4:30 PM	39	78	9	0	18	73	9	0	2	81	50	0	3	94	28	0	484
4:45 PM	24	77	6	0	12	57	3	0	2	62	24	0	15	120	61	0	463
5:00 PM	32	95	13	0	10	75	6	0	0	86	31	0	7	107	43	0	505
5:15 PM	30	84	6	0	11	61	3	0	2	75	37	0	16	109	34	0	468
5:30 PM	32	74	5	0	13	59	2	0	0	67	39	0	18	124	33	0	466
5:45 PM	19	72	1	0	8	65	2	0	0	49	29	0	8	92	34	0	379
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	263	620	61	0	105	516	34	0	6	563	323	0	107	853	317	0	3768
APPROACH %'s :	27.86%	65.68%	6.46%	0.00%	16.03%	78.78%	5.19%	0.00%	0.67%	63.12%	36.21%	0.00%	8.38%	66.80%	24.82%	0.00%	
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	150	295	36	0	63	256	21	0	4	286	187	0	58	421	173	0	1950
PEAK HR FACTOR :	0.798	0.946	0.692	0.000	0.750	0.853	0.583	0.000	0.500	0.851	0.615	0.000	0.690	0.849	0.709	0.000	0.886
	0.891				0.850				0.745				0.832				

Prepared by National Data & Surveying Services

Rose Ave & Central Ave

Peak Hour Turning Movement Count

ID: 22-050013-002
City: Oxnard

Day: Tuesday
Date: 3/1/2022

PEAK HOURS

AM	07:30 AM - 08:30 AM
NOON	NONE
PM	04:00 PM - 05:00 PM

COUNT PERIODS

AM	7:00 AM - 09:00 AM
NOON	NONE
PM	4:00 PM - 06:00 PM

SOUTHBOUND (Rose Ave)

AM	60	269	123	0	295	AM
NOON	0	0	0	0	0	NOON
PM	21	256	63	0	472	PM
	0	2	1	0		

EASTBOUND (Central Ave)

AM	NOON	PM	
745	0	592	
0	0	0	0
13	0	4	1
494	0	286	1
238	0	187	1
AM	NOON	PM	

WESTBOUND (Central Ave)

PM	NOON	AM	
173	0	68	0
421	0	348	1
58	0	24	1
0	0	0	0
385	0	678	
PM	NOON	AM	

NORTHBOUND (Rose Ave)

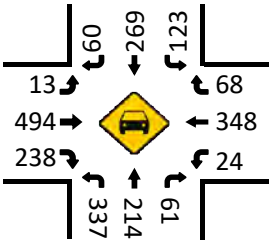
PM	501	0	150	295	36	PM
NOON	0	0	0	0	0	NOON
AM	531	0	337	214	61	AM
		0	1	2	0	

CONTROL

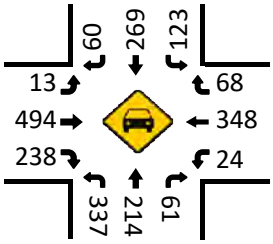
Signalized

TEV	2249 AM	0 NOON	1950 PM
PHF	0.83		0.89

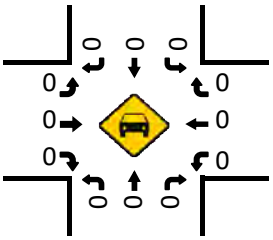
Totals (AM)



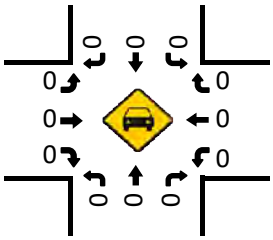
Totals (AM)



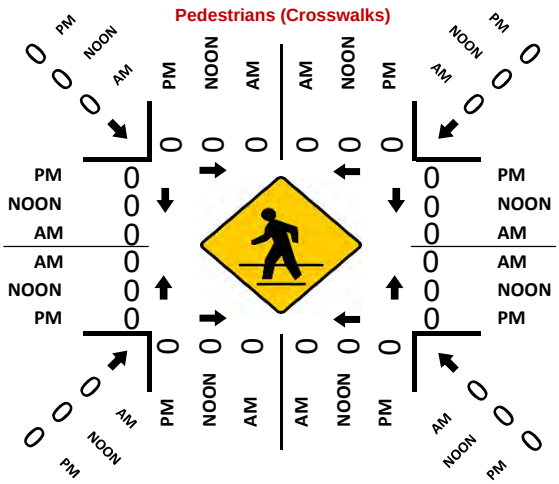
Totals (NOON)



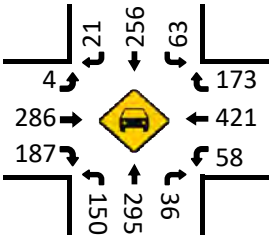
Totals (NOON)



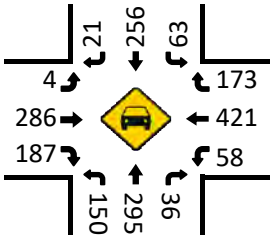
Pedestrians (Crosswalks)



Totals (PM)



Totals (PM)



National Data & Surveying Services Intersection Turning Movement Count

Location: Rose Ave & Simon Way
City: Oxnard
Control: Signalized

Project ID: 22-050013-001
Date: 3/1/2022

Data - Totals

NS/EW Streets:	Rose Ave				Rose Ave				Simon Way				Simon Way				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	1	0	0	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	7	62	1	0	0	95	3	0	4	0	23	0	0	0	1	0	196
7:15 AM	9	79	0	0	0	108	2	0	0	0	40	0	0	0	0	0	238
7:30 AM	12	98	0	0	0	126	2	0	11	0	42	0	0	0	0	0	291
7:45 AM	18	106	1	1	0	108	7	0	20	0	58	0	0	0	0	0	319
8:00 AM	26	160	1	0	0	121	6	0	40	0	35	0	0	0	0	0	389
8:15 AM	15	167	0	0	1	140	7	0	27	0	32	0	0	0	0	0	389
8:30 AM	15	57	1	0	0	153	7	0	3	0	30	0	1	0	0	0	267
8:45 AM	17	54	0	0	0	114	2	0	6	0	24	0	0	0	0	0	217
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	119	783	4	1	1	965	36	0	111	0	284	0	1	0	1	0	2306
APPROACH %'s :	13.12%	86.33%	0.44%	0.11%	0.10%	96.31%	3.59%	0.00%	28.10%	0.00%	71.90%	0.00%	50.00%	0.00%	50.00%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	71	531	2	1	1	495	22	0	98	0	167	0	0	0	0	0	1388
PEAK HR FACTOR :	0.683	0.795	0.500	0.250	0.250	0.884	0.786	0.000	0.613	0.000	0.720	0.000	0.000	0.000	0.000	0.000	0.892
	0.809				0.875				0.849								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	1	0	0	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	40	128	0	0	0	182	13	0	9	0	24	0	0	0	0	0	396
4:15 PM	33	121	0	0	0	92	15	0	6	0	22	0	0	0	0	0	289
4:30 PM	27	109	0	0	0	113	8	0	2	0	19	0	0	0	0	0	278
4:45 PM	37	119	0	0	0	100	7	0	3	0	36	0	0	0	0	0	302
5:00 PM	38	128	0	0	0	105	8	0	6	0	36	0	0	0	0	0	321
5:15 PM	24	113	0	0	0	110	7	0	4	0	27	0	0	0	0	0	285
5:30 PM	44	117	0	0	0	105	16	0	2	0	34	0	0	0	0	0	318
5:45 PM	40	88	0	0	0	86	6	0	3	0	30	0	0	0	0	0	253
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	283	923	0	0	0	893	80	0	35	0	228	0	0	0	0	0	2442
APPROACH %'s :	23.47%	76.53%	0.00%	0.00%	0.00%	91.78%	8.22%	0.00%	13.31%	0.00%	86.69%	0.00%					
PEAK HR :	04:00 PM - 05:00 PM																TOTAL
PEAK HR VOL :	137	477	0	0	0	487	43	0	20	0	101	0	0	0	0	0	1265
PEAK HR FACTOR :	0.856	0.932	0.000	0.000	0.000	0.669	0.717	0.000	0.556	0.000	0.701	0.000	0.000	0.000	0.000	0.000	0.799
	0.914				0.679				0.776								

Prepared by National Data & Surveying Services

Rose Ave & Simon Way

Peak Hour Turning Movement Count

ID: 22-050013-001
City: Oxnard

Day: Tuesday
Date: 3/1/2022

PEAK HOURS	COUNT PERIODS
07:30 AM - 08:30 AM	7:00 AM - 09:00 AM
NONE	NONE
04:00 PM - 05:00 PM	4:00 PM - 06:00 PM

SOUTHBOUND (Rose Ave)

	L	T	R	U	Total	
AM	22	495	1	0	629	AM
NOON	0	0	0	0	0	NOON
PM	43	487	0	0	497	PM

EASTBOUND (Simon Way)

	L	T	R	U	Total	
AM	167	0	101	0	268	AM
NOON	0	0	0	0	0	NOON
PM	98	0	20	0	118	PM

WESTBOUND (Simon Way)

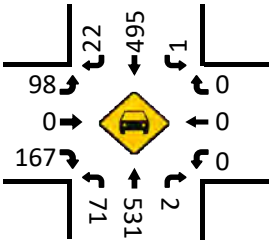
	L	T	R	U	Total	
AM	0	0	3	0	3	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	0	PM

NORTHBOUND (Rose Ave)

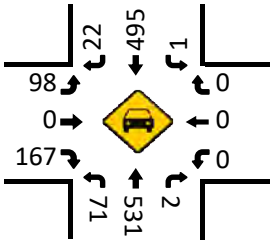
	L	T	R	U	Total	
AM	663	1	71	531	2	AM
NOON	0	0	0	0	0	NOON
PM	588	0	137	477	0	PM

CONTROL			
Signalized			
TEV	1388 AM	0 NOON	1265 PM
PHF	0.89		0.80

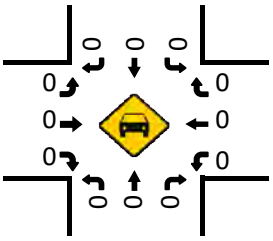
Totals (AM)



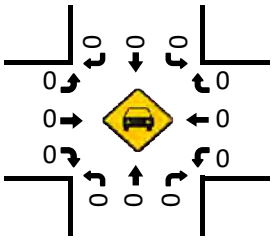
Totals (AM)



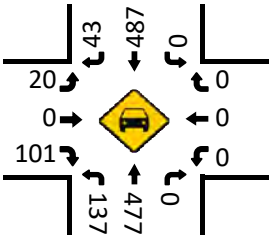
Totals (NOON)



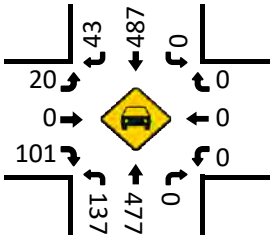
Totals (NOON)



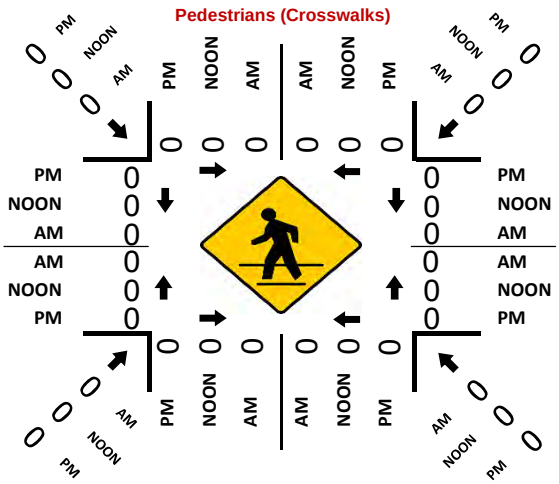
Totals (PM)



Totals (PM)



Pedestrians (Crosswalks)



National Data & Surveying Services Intersection Turning Movement Count

Location: Rose Ave & Walnut Dr
City: Oxnard
Control: Signalized

Project ID: 22-050004-001
Date: 1/26/2022

Data - Totals

NS/EW Streets:	Rose Ave				Rose Ave				Walnut Dr				Walnut Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	0	2	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	2	65	0	0	0	116	0	0	1	0	11	0	1	0	0	0	196
7:15 AM	5	101	0	0	0	143	3	0	2	0	16	0	0	2	1	0	273
7:30 AM	4	89	0	0	0	174	1	0	5	0	19	0	6	0	3	0	301
7:45 AM	16	143	0	0	0	186	5	0	5	0	17	0	28	10	3	0	413
8:00 AM	6	170	0	0	0	162	7	0	6	0	31	1	48	7	16	0	454
8:15 AM	11	133	0	0	0	173	4	0	6	0	19	0	51	5	11	0	413
8:30 AM	7	75	0	1	0	176	3	0	3	0	16	0	8	2	3	0	294
8:45 AM	1	56	0	0	0	124	0	0	1	0	8	0	0	1	0	0	191
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	52	832	0	1	0	1254	23	0	29	0	137	1	142	27	37	0	2535
APPROACH %'s :	5.88%	94.01%	0.00%	0.11%	0.00%	98.20%	1.80%	0.00%	17.37%	0.00%	82.04%	0.60%	68.93%	13.11%	17.96%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	37	535	0	0	0	695	17	0	22	0	86	1	133	22	33	0	1581
PEAK HR FACTOR :	0.578	0.787	0.000	0.000	0.000	0.934	0.607	0.000	0.917	0.000	0.694	0.250	0.652	0.550	0.516	0.000	0.871
	0.813				0.932				0.717				0.662				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	0	2	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	15	158	0	0	0	183	2	0	3	0	11	0	5	0	0	0	377
4:15 PM	12	156	0	0	0	168	2	0	1	0	7	0	9	1	1	0	357
4:30 PM	21	145	0	0	0	155	1	0	1	0	17	0	5	0	2	0	347
4:45 PM	19	171	0	0	0	139	0	0	3	0	7	0	9	2	2	0	352
5:00 PM	10	188	0	0	0	136	1	0	1	0	16	0	3	0	1	0	356
5:15 PM	16	165	0	0	0	147	0	0	1	0	17	0	4	0	1	0	351
5:30 PM	18	176	0	0	0	168	8	0	1	0	14	0	4	0	1	0	390
5:45 PM	11	137	0	0	0	124	0	0	2	0	14	0	3	1	0	0	292
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	122	1296	0	0	0	1220	14	0	13	0	103	0	42	4	8	0	2822
APPROACH %'s :	8.60%	91.40%	0.00%	0.00%	0.00%	98.87%	1.13%	0.00%	11.21%	0.00%	88.79%	0.00%	77.78%	7.41%	14.81%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	63	700	0	0	0	590	9	0	6	0	54	0	20	2	5	0	1449
PEAK HR FACTOR :	0.829	0.931	0.000	0.000	0.000	0.878	0.281	0.000	0.500	0.000	0.794	0.000	0.556	0.250	0.625	0.000	0.929
	0.963				0.851				0.833				0.519				

Prepared by National Data & Surveying Services

Rose Ave & Walnut Dr

Peak Hour Turning Movement Count

ID: 22-050004-001
City: Oxnard

Day: Wednesday
Date: 1/26/2022

PEAK HOURS	COUNT PERIODS
07:30 AM - 08:30 AM	7:00 AM - 09:00 AM
NONE	NONE
04:45 PM - 05:45 PM	4:00 PM - 06:00 PM

SOUTHBOUND (Rose Ave)

	L	T	R	U	Total	
AM	17	695	0	0	590	AM
NOON	0	0	0	0	0	NOON
PM	9	590	0	0	711	PM

EASTBOUND (Walnut Dr)

	L	T	R	U	Total	
AM	1	0	0	0	1	AM
NOON	0	0	0	0	0	NOON
PM	0	2	0	0	2	PM

WESTBOUND (Walnut Dr)

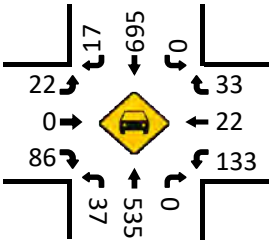
	L	T	R	U	Total	
AM	0	0	0	0	0	AM
NOON	0	0	0	0	0	NOON
PM	0	1	0	0	1	PM

NORTHBOUND (Rose Ave)

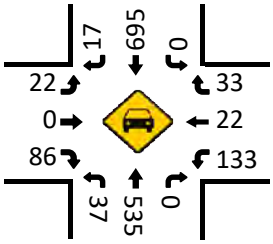
	L	T	R	U	Total	
AM	77	0	74	0	151	AM
NOON	0	0	0	0	0	NOON
PM	22	0	6	0	28	PM

CONTROL			
Signalized			
TEV	1581	0	1449
	AM	NOON	PM
PHF	0.87		0.93

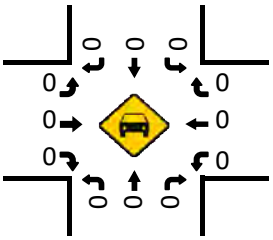
Totals (AM)



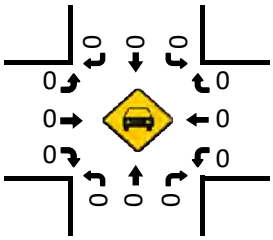
Total (AM)



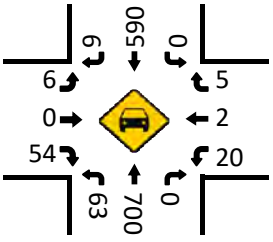
Totals (NOON)



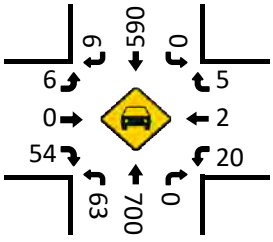
Total (NOON)



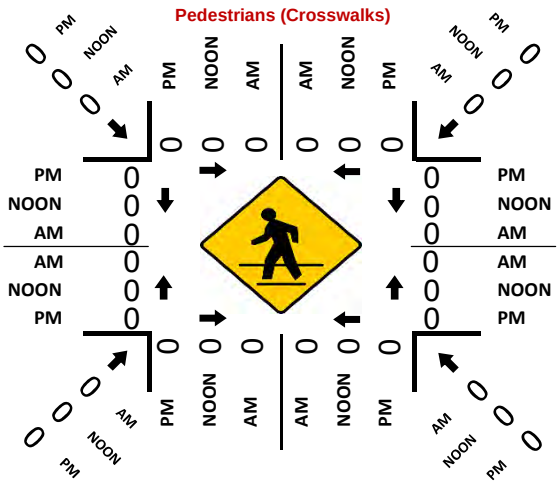
Totals (PM)



Total (PM)



Pedestrians (Crosswalks)



National Data & Surveying Services Intersection Turning Movement Count

Location: Rose Ave & Orange Dr
City: Oxnard
Control: 1-Way Stop(EB)

Project ID: 22-050004-002
Date: 1/26/2022

Data - Totals

NS/EW Streets:	Rose Ave				Rose Ave				Orange Dr				Orange Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	0	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	57	3	0	1	123	0	2	1	0	9	0	0	0	0	0	196
7:15 AM	2	106	8	0	2	159	0	0	0	0	7	0	0	0	0	0	284
7:30 AM	3	98	16	0	7	188	0	0	2	0	6	0	0	0	0	0	320
7:45 AM	13	151	46	1	16	216	0	0	2	1	18	0	0	0	0	0	464
8:00 AM	10	187	93	5	13	227	3	0	1	0	5	0	0	0	0	0	544
8:15 AM	7	133	32	2	11	224	7	1	0	2	9	0	0	0	0	0	428
8:30 AM	3	83	12	0	4	190	1	0	0	0	10	0	0	0	0	0	303
8:45 AM	2	55	4	0	0	137	1	0	1	0	9	0	0	0	0	0	209
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	40	870	214	8	54	1464	12	3	7	3	73	0	0	0	0	0	2748
APPROACH %'s :	3.53%	76.86%	18.90%	0.71%	3.52%	95.50%	0.78%	0.20%	8.43%	3.61%	87.95%	0.00%					
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	33	569	187	8	47	855	10	1	5	3	38	0	0	0	0	0	1756
PEAK HR FACTOR :	0.635	0.761	0.503	0.400	0.734	0.942	0.357	0.250	0.625	0.375	0.528	0.000	0.000	0.000	0.000	0.000	0.807
	0.675				0.939				0.548								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	1	2	0	0	0	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	10	172	4	0	2	193	3	1	0	0	7	0	0	0	0	0	392
4:15 PM	12	172	3	0	2	178	1	0	0	0	6	0	0	0	0	0	374
4:30 PM	8	165	4	0	0	174	1	0	1	0	10	0	0	0	0	0	363
4:45 PM	12	189	5	0	0	156	3	0	0	0	8	0	0	0	0	0	373
5:00 PM	13	194	6	0	0	145	4	0	1	0	8	0	0	0	0	0	371
5:15 PM	12	197	1	0	1	170	1	0	1	0	5	0	0	0	0	0	388
5:30 PM	18	176	5	0	2	178	2	0	0	0	9	0	0	0	0	0	390
5:45 PM	15	153	1	0	2	143	0	0	0	0	8	0	0	0	0	0	322
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	100	1418	29	0	9	1337	15	1	3	0	61	0	0	0	0	0	2973
APPROACH %'s :	6.46%	91.66%	1.87%	0.00%	0.66%	98.16%	1.10%	0.07%	4.69%	0.00%	95.31%	0.00%					
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	55	756	17	0	3	649	10	0	2	0	30	0	0	0	0	0	1522
PEAK HR FACTOR :	0.764	0.959	0.708	0.000	0.375	0.912	0.625	0.000	0.500	0.000	0.833	0.000	0.000	0.000	0.000	0.000	0.976
	0.972				0.909				0.889								

Prepared by National Data & Surveying Services

Rose Ave & Orange Dr

Peak Hour Turning Movement Count

ID: 22-050004-002
City: Oxnard

Day: Wednesday
Date: 1/26/2022

PEAK HOURS	COUNT PERIODS
07:30 AM - 08:30 AM	7:00 AM - 09:00 AM
NONE	NONE
04:45 PM - 05:45 PM	4:00 PM - 06:00 PM

SOUTHBOUND (Rose Ave)

AM	10	855	47	1	575	AM
NOON	0	0	0	0	0	NOON
PM	10	649	3	0	758	PM

EASTBOUND (Orange Dr)

AM	NOON	PM	
43	0	65	
0	0	0	0
5	0	2	0
3	0	0	1
38	0	30	0

WESTBOUND (Orange Dr)

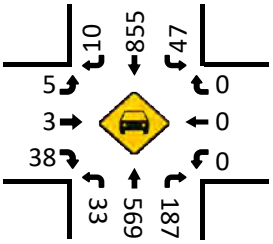
PM	NOON	AM	
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
20	0	237	

NORTHBOUND (Rose Ave)

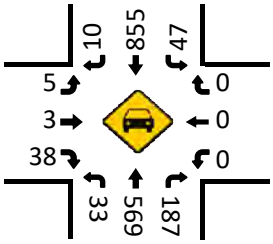
PM	679	0	55	756	17	PM
NOON	0	0	0	0	0	NOON
AM	901	8	33	569	187	AM

CONTROL			
1-Way Stop(EB)			
TEV	1756 AM	0 NOON	1522 PM
PHF	0.81		0.98

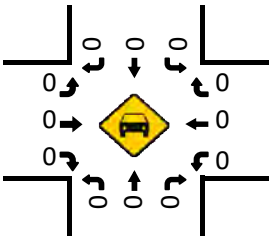
Totals (AM)



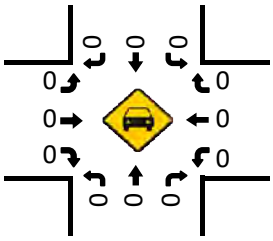
Total (AM)



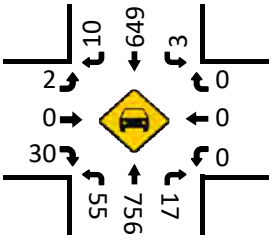
Totals (NOON)



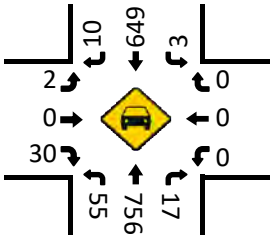
Total (NOON)



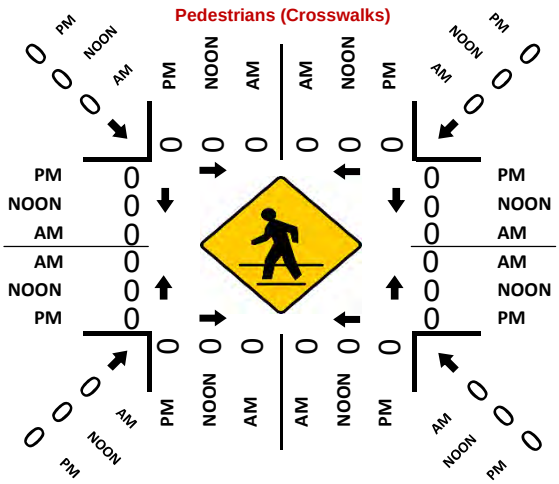
Totals (PM)



Total (PM)



Pedestrians (Crosswalks)



National Data & Surveying Services Intersection Turning Movement Count

Location: Rose Ave & Collins Dr
City: Oxnard
Control: Signalized

Project ID: 22-050004-003
Date: 1/26/2022

Data - Totals

NS/EW Streets:	Rose Ave				Rose Ave				Collins Dr				Collins Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	1	0	1	2	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	7	61	4	0	6	123	1	0	3	0	15	0	0	0	2	0	222
7:15 AM	2	105	7	1	7	145	0	0	1	0	17	0	1	0	6	0	292
7:30 AM	6	102	8	0	9	194	1	0	10	2	17	0	3	2	4	0	358
7:45 AM	7	164	14	0	8	205	3	0	22	3	35	0	4	3	19	0	487
8:00 AM	7	255	7	0	5	236	9	1	28	2	18	0	2	2	15	0	587
8:15 AM	11	149	3	0	7	222	6	0	13	4	18	0	0	2	14	0	449
8:30 AM	8	88	4	1	10	191	3	0	1	2	11	0	2	1	5	0	327
8:45 AM	6	56	8	0	8	133	2	0	0	0	10	0	0	1	5	0	229
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	54	980	55	2	60	1449	25	1	78	13	141	0	12	11	70	0	2951
APPROACH %'s :	4.95%	89.83%	5.04%	0.18%	3.91%	94.40%	1.63%	0.07%	33.62%	5.60%	60.78%	0.00%	12.90%	11.83%	75.27%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	31	670	32	0	29	857	19	1	73	11	88	0	9	9	52	0	1881
PEAK HR FACTOR :	0.705	0.657	0.571	0.000	0.806	0.908	0.528	0.250	0.652	0.688	0.629	0.000	0.563	0.750	0.684	0.000	0.801
	0.681				0.902				0.717				0.673				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	1	0	1	2	0	0	0	1	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	23	165	0	0	5	187	6	0	3	1	20	0	5	5	18	0	438
4:15 PM	23	159	4	0	2	185	4	0	3	2	17	0	3	4	23	0	429
4:30 PM	15	152	1	0	6	173	4	0	0	1	20	0	6	11	17	0	406
4:45 PM	13	186	2	0	2	162	4	0	3	2	21	0	5	5	23	0	428
5:00 PM	26	186	3	1	5	149	4	0	3	1	13	0	11	5	28	0	435
5:15 PM	18	171	4	0	7	166	2	0	1	0	20	0	8	8	26	0	431
5:30 PM	15	187	3	2	12	171	5	0	1	1	20	0	4	3	21	0	445
5:45 PM	15	136	1	1	4	141	3	0	3	1	9	0	3	3	26	0	346
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	148	1342	18	4	43	1334	32	0	17	9	140	0	45	44	182	0	3358
APPROACH %'s :	9.79%	88.76%	1.19%	0.26%	3.05%	94.68%	2.27%	0.00%	10.24%	5.42%	84.34%	0.00%	16.61%	16.24%	67.16%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	72	730	12	3	26	648	15	0	8	4	74	0	28	21	98	0	1739
PEAK HR FACTOR :	0.692	0.976	0.750	0.375	0.542	0.947	0.750	0.000	0.667	0.500	0.881	0.000	0.636	0.656	0.875	0.000	0.977
	0.946				0.916				0.827				0.835				

Prepared by National Data & Surveying Services

Rose Ave & Collins Dr

Peak Hour Turning Movement Count

ID: 22-050004-003
City: Oxnard

Day: Wednesday
Date: 1/26/2022

PEAK HOURS	COUNT PERIODS
07:30 AM - 08:30 AM	7:00 AM - 09:00 AM
NONE	NONE
04:45 PM - 05:45 PM	4:00 PM - 06:00 PM

SOUTHBOUND (Rose Ave)

AM	19	857	29	1	796	AM
NOON	0	0	0	0	0	NOON
PM	15	648	26	0	836	PM

EASTBOUND (Collins Dr)

AM	NOON	PM	
59	0	108	
0	0	0	0
73	0	8	0
11	0	4	1
88	0	74	0

WESTBOUND (Collins Dr)

PM	NOON	AM	
98	0	52	0
21	0	9	1
28	0	9	0
0	0	0	0
42	0	72	

NORTHBOUND (Rose Ave)

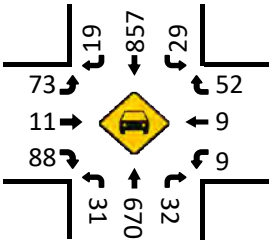
PM	753	3	72	730	12	PM
NOON	0	0	0	0	0	NOON
AM	954	0	31	670	32	AM

CONTROL

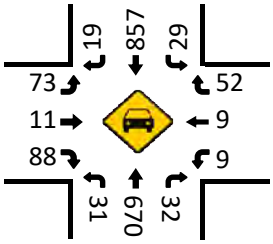
Signalized

TEV	1881	0	1739
	AM	NOON	PM
PHF	0.80		0.98

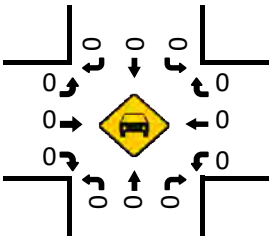
Totals (AM)



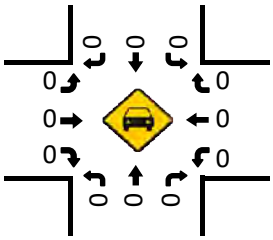
Total (AM)



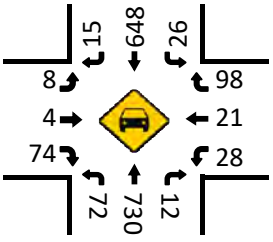
Totals (NOON)



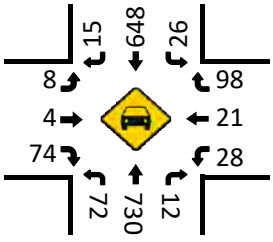
Total (NOON)



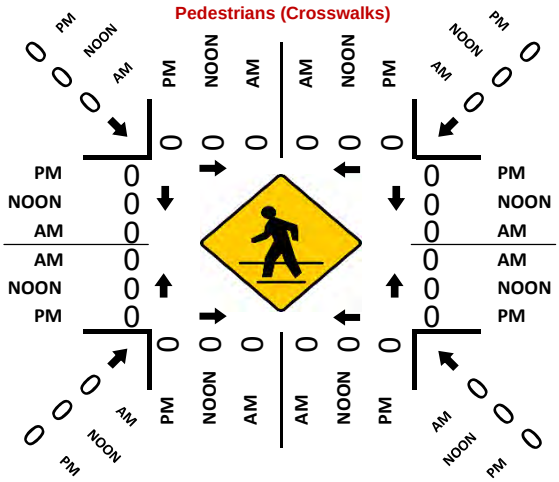
Totals (PM)



Total (PM)



Pedestrians (Crosswalks)



National Data & Surveying Services Intersection Turning Movement Count

Location: Rose Ave & Stroube St
City: Oxnard
Control: 1-Way Stop(EB)

Project ID: 22-050004-004
Date: 1/26/2022

Data - Totals

NS/EW Streets:	Rose Ave				Rose Ave				Stroube St				Stroube St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	0	2	0	0	0	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	18	69	0	1	0	138	2	0	1	0	12	0	0	0	0	0	241
7:15 AM	30	116	0	0	0	157	4	1	0	0	31	0	0	0	0	0	339
7:30 AM	83	117	0	0	0	210	10	1	1	0	56	0	0	0	0	0	478
7:45 AM	42	204	0	0	0	241	9	0	2	0	68	0	0	0	0	0	566
8:00 AM	14	244	0	0	0	245	4	0	3	0	31	0	0	0	0	0	541
8:15 AM	12	159	0	0	0	240	6	2	0	0	18	0	0	0	0	0	437
8:30 AM	7	108	0	0	0	202	3	0	0	0	10	0	0	0	0	0	330
8:45 AM	9	66	0	0	0	144	1	0	0	0	12	0	0	0	0	0	232
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	215	1083	0	1	0	1577	39	4	7	0	238	0	0	0	0	0	3164
APPROACH %'s :	16.55%	83.37%	0.00%	0.08%	0.00%	97.35%	2.41%	0.25%	2.86%	0.00%	97.14%	0.00%					
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	151	724	0	0	0	936	29	3	6	0	173	0	0	0	0	0	2022
PEAK HR FACTOR :	0.455	0.742	0.000	0.000	0.000	0.955	0.725	0.375	0.500	0.000	0.636	0.000	0.000	0.000	0.000	0.000	0.893
	0.848				0.968				0.639								

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	0	0	0	2	0	0	0	1	0	0	0	0	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	15	190	0	0	0	208	4	0	0	0	29	0	0	0	0	0	446
4:15 PM	25	186	0	0	0	198	6	0	0	0	26	0	0	0	0	0	441
4:30 PM	25	178	0	0	0	194	7	0	1	0	34	0	0	0	0	0	439
4:45 PM	37	193	0	0	0	189	4	0	0	0	26	0	0	0	0	0	449
5:00 PM	29	213	0	0	0	175	1	0	1	0	40	1	0	0	0	0	460
5:15 PM	28	207	0	1	0	189	4	0	1	0	23	0	0	0	0	0	453
5:30 PM	17	192	0	4	0	193	2	0	0	0	27	0	0	0	0	0	435
5:45 PM	23	158	0	1	0	153	0	0	0	0	27	0	0	0	0	0	362
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	199	1517	0	6	0	1499	28	0	3	0	232	1	0	0	0	0	3485
APPROACH %'s :	11.56%	88.10%	0.00%	0.35%	0.00%	98.17%	1.83%	0.00%	1.27%	0.00%	98.31%	0.42%					
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	119	791	0	1	0	747	16	0	3	0	123	1	0	0	0	0	1801
PEAK HR FACTOR :	0.804	0.928	0.000	0.250	0.000	0.963	0.571	0.000	0.750	0.000	0.769	0.250	0.000	0.000	0.000	0.000	0.979
	0.941				0.949				0.756								

Prepared by National Data & Surveying Services

Rose Ave & Stroube St

Peak Hour Turning Movement Count

ID: 22-050004-004
City: Oxnard

Day: Wednesday
Date: 1/26/2022

PEAK HOURS	COUNT PERIODS
07:30 AM - 08:30 AM	7:00 AM - 09:00 AM
NONE	NONE
04:30 PM - 05:30 PM	4:00 PM - 06:00 PM

SOUTHBOUND (Rose Ave)

AM	29	936	0	3	733	AM
NOON	0	0	0	0	0	NOON
PM	16	747	0	0	794	PM
	0	2	0	0		

EASTBOUND (Stroube St)

AM	NOON	PM	
180	0	136	
0	0	1	0
6	0	3	0
0	0	0	1
173	0	123	0

WESTBOUND (Stroube St)

PM	NOON	AM	
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	

NORTHBOUND (Rose Ave)

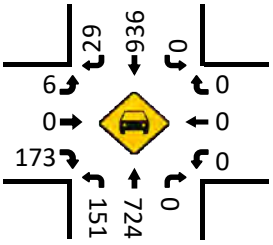
PM	871	1	119	791	0	PM
NOON	0	0	0	0	0	NOON
AM	1109	0	151	724	0	AM
		0	1	2	0	

CONTROL

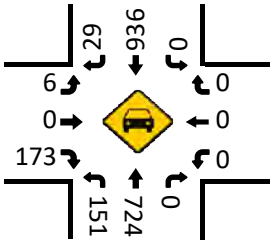
1-Way Stop(EB)

TEV	2022	0	1801
	AM	NOON	PM
PHF	0.89		0.98

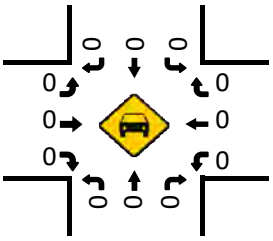
Totals (AM)



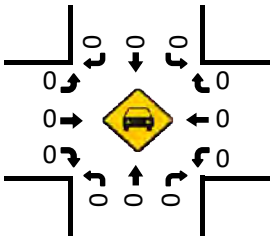
Total (AM)



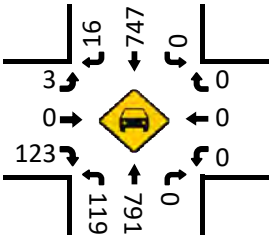
Totals (NOON)



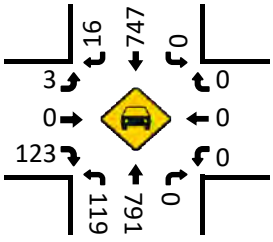
Total (NOON)



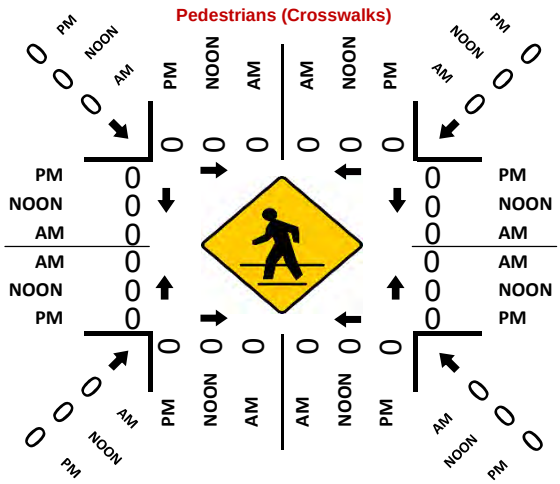
Totals (PM)



Total (PM)



Pedestrians (Crosswalks)



National Data & Surveying Services Intersection Turning Movement Count

Location: Rose Ave & Auto Center Dr
City: Oxnard
Control: Signalized

Project ID: 22-050004-005
Date: 1/26/2022

Data - Totals

NS/EW Streets:	Rose Ave				Rose Ave				Auto Center Dr				Auto Center Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	2	0	1	2	0	0	1	1	1	0	2.5	0.5	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	20	74	57	0	8	139	0	0	1	8	19	0	13	5	12	0	356
7:15 AM	27	132	73	0	22	164	1	0	3	8	35	0	29	4	18	0	516
7:30 AM	20	170	80	0	28	235	8	0	4	7	32	0	36	2	26	0	648
7:45 AM	35	218	112	0	35	263	10	0	6	12	50	0	32	4	23	0	800
8:00 AM	32	221	109	0	37	213	10	0	19	16	27	0	48	13	16	0	761
8:15 AM	25	147	88	0	28	220	9	0	10	22	29	0	49	12	15	0	654
8:30 AM	29	95	117	1	40	181	8	0	3	24	42	0	66	15	16	0	637
8:45 AM	37	63	104	0	25	127	2	0	3	13	34	0	70	12	11	0	501
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	225	1120	740	1	223	1542	48	0	49	110	268	0	343	67	137	0	4873
APPROACH %'s :	10.79%	53.69%	35.47%	0.05%	12.30%	85.05%	2.65%	0.00%	11.48%	25.76%	62.76%	0.00%	62.71%	12.25%	25.05%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	112	756	389	0	128	931	37	0	39	57	138	0	165	31	80	0	2863
PEAK HR FACTOR :	0.800	0.855	0.868	0.000	0.865	0.885	0.925	0.000	0.513	0.648	0.690	0.000	0.842	0.596	0.769	0.000	0.895
	0.861				0.890				0.860				0.896				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	1	2	2	0	1	2	0	0	1	1	1	0	2.5	0.5	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	56	152	136	0	44	177	12	0	4	29	31	0	196	33	44	0	914
4:15 PM	55	172	117	0	43	168	12	0	5	25	39	0	152	33	34	0	855
4:30 PM	43	176	155	0	42	181	10	0	1	21	49	0	173	29	38	0	918
4:45 PM	46	172	131	0	31	175	3	0	2	14	37	0	167	49	47	0	874
5:00 PM	42	188	142	0	39	175	3	0	1	28	49	0	193	29	51	0	940
5:15 PM	55	195	108	0	36	182	1	0	2	22	37	0	157	34	42	0	871
5:30 PM	51	171	133	0	31	172	8	0	4	25	39	0	172	36	40	0	882
5:45 PM	47	146	113	0	36	154	0	0	1	17	40	0	153	32	34	0	773
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	395	1372	1035	0	302	1384	49	0	20	181	321	0	1363	275	330	0	7027
APPROACH %'s :	14.10%	48.97%	36.94%	0.00%	17.41%	79.77%	2.82%	0.00%	3.83%	34.67%	61.49%	0.00%	69.26%	13.97%	16.77%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	186	731	536	0	148	713	17	0	6	85	172	0	690	141	178	0	3603
PEAK HR FACTOR :	0.845	0.937	0.865	0.000	0.881	0.979	0.425	0.000	0.750	0.759	0.878	0.000	0.894	0.719	0.873	0.000	0.958
	0.971				0.942				0.843				0.924				

Prepared by National Data & Surveying Services

Rose Ave & Auto Center Dr

Peak Hour Turning Movement Count

ID: 22-050004-005
City: Oxnard

Day: Wednesday
Date: 1/26/2022

PEAK HOURS	COUNT PERIODS
07:30 AM - 08:30 AM	7:00 AM - 09:00 AM
NONE	NONE
04:30 PM - 05:30 PM	4:00 PM - 06:00 PM

SOUTHBOUND (Rose Ave)

AM	37	931	128	0	875	AM
NOON	0	0	0	0	0	NOON
PM	17	713	148	0	915	PM

EASTBOUND (Auto Center Dr)

AM	NOON	PM		
180	0	344		
0	0	0	0	
39	0	6	1	
57	0	85	1	
138	0	172	1	
AM	NOON	PM		

WESTBOUND (Auto Center Dr)

PM	NOON	AM	
178	0	80	1
141	0	31	0.5
690	0	165	2.5
0	0	0	0
769	0	574	
PM	NOON	AM	

NORTHBOUND (Rose Ave)

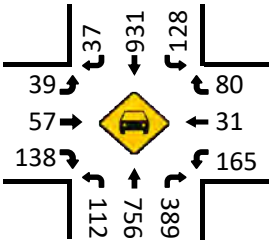
PM	1575	0	186	731	536	PM
NOON	0	0	0	0	0	NOON
AM	1234	0	112	756	389	AM

0 2 1 0 (SB turning movements)

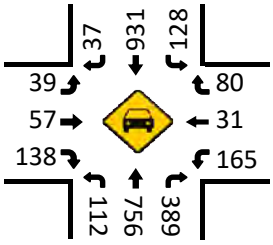
0 1 2 2 (NB turning movements)

CONTROL			
Signalized			
TEV	2863 AM	0 NOON	3603 PM
PHF	0.89		0.96

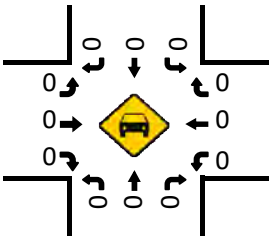
Totals (AM)



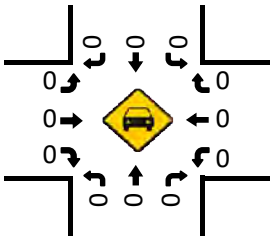
Total (AM)



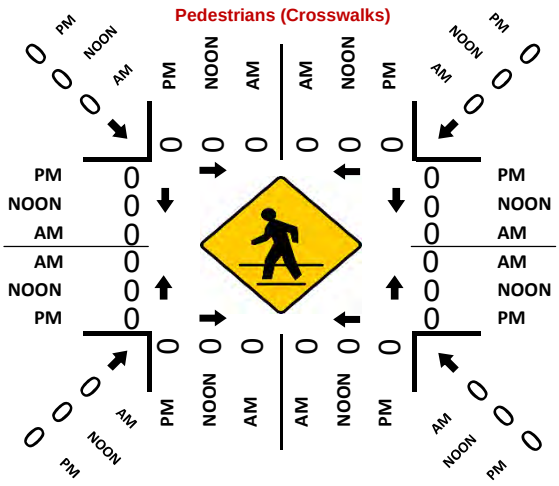
Totals (NOON)



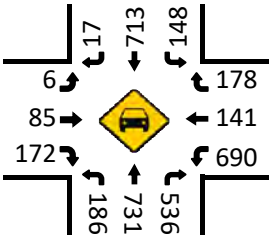
Total (NOON)



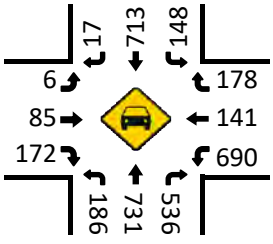
Pedestrians (Crosswalks)



Totals (PM)



Total (PM)



National Data & Surveying Services Intersection Turning Movement Count

Location: Collins Dr & Auto Center Dr
City: Oxnard
Control: 1-Way Stop(SB)

Project ID: 22-050004-006
Date: 1/26/2022

Data - Totals

NS/EW Streets:	Collins Dr				Collins Dr				Auto Center Dr				Auto Center Dr				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	1	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	6	0	0	0	2	50	0	1	0	28	5	1	93
7:15 AM	0	0	0	0	5	0	1	0	0	69	0	1	0	46	13	2	137
7:30 AM	0	0	0	0	4	0	1	0	7	83	0	0	0	68	12	2	177
7:45 AM	0	0	0	0	8	0	4	0	6	102	0	5	0	58	30	4	217
8:00 AM	0	0	0	0	6	0	1	0	8	99	0	0	0	67	26	5	212
8:15 AM	0	0	0	0	9	0	1	0	4	77	0	4	0	65	19	7	186
8:30 AM	0	0	0	0	5	0	3	0	9	111	0	8	0	74	9	3	222
8:45 AM	0	0	0	0	7	0	5	0	8	75	0	4	0	63	11	4	177
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	50	0	16	0	44	666	0	23	0	469	125	28	1421
APPROACH %'s :					75.76%	0.00%	24.24%	0.00%	6.00%	90.86%	0.00%	3.14%	0.00%	75.40%	20.10%	4.50%	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :	0	0	0	0	28	0	9	0	27	389	0	17	0	264	84	19	837
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.778	0.000	0.563	0.000	0.750	0.876	0.000	0.531	0.000	0.892	0.700	0.679	0.943
					0.771				0.846				0.936				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	1	0	0	1	2	0	0	1	2	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	14	0	1	0	3	129	0	6	0	179	39	4	375
4:15 PM	0	0	0	0	16	0	7	0	5	146	0	2	0	170	36	6	388
4:30 PM	0	0	0	0	7	0	2	0	11	133	0	9	0	141	26	4	333
4:45 PM	0	0	0	0	7	0	7	0	8	124	0	7	0	178	35	4	370
5:00 PM	0	0	0	0	13	0	8	1	5	127	0	18	0	168	30	13	383
5:15 PM	0	0	0	0	12	0	15	0	3	127	0	12	0	148	27	9	353
5:30 PM	0	0	0	0	13	0	4	0	1	126	0	10	0	162	25	3	344
5:45 PM	0	0	0	0	8	0	6	0	2	118	0	8	0	136	30	7	315
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	90	0	50	1	38	1030	0	72	0	1282	248	50	2861
APPROACH %'s :					63.83%	0.00%	35.46%	0.71%	3.33%	90.35%	0.00%	6.32%	0.00%	81.14%	15.70%	3.16%	
PEAK HR :	04:15 PM - 05:15 PM																TOTAL
PEAK HR VOL :	0	0	0	0	43	0	24	1	29	530	0	36	0	657	127	27	1474
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.672	0.000	0.750	0.250	0.659	0.908	0.000	0.500	0.000	0.923	0.882	0.519	0.950
					0.739				0.972				0.934				

Prepared by National Data & Surveying Services

Collins Dr & Auto Center Dr

Peak Hour Turning Movement Count

ID: 22-050004-006
City: Oxnard

Day: Wednesday
Date: 1/26/2022

PEAK HOURS	COUNT PERIODS
07:45 AM - 08:45 AM	7:00 AM - 09:00 AM
NONE	NONE
04:15 PM - 05:15 PM	4:00 PM - 06:00 PM

SOUTHBOUND (Collins Dr)

AM	9	0	28	0	111	AM
NOON	0	0	0	0	0	NOON
PM	24	0	43	1	157	PM

EASTBOUND (Auto Center Dr)

AM	NOON	PM		
290	0	717		
17	0	36	0	↶
27	0	29	1	↱
389	0	530	2	→
0	0	0	0	↷

WESTBOUND (Auto Center Dr)

PM	NOON	AM		
127	0	84	0	↰
657	0	264	2	←
0	0	0	1	↰
27	0	19	0	↶
600	0	436		

NORTHBOUND (Collins Dr)

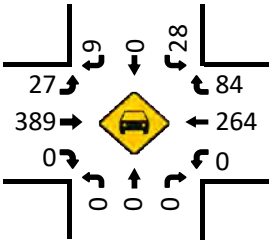
PM	0	0	0	0	0	PM
NOON	0	0	0	0	0	NOON
AM	0	0	0	0	0	AM

CONTROL

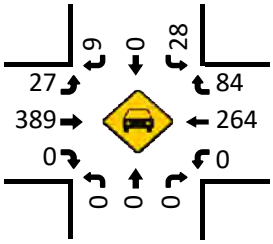
1-Way Stop(SB)

	AM	NOON	PM
TEV	837	0	1474
PHF	0.94		0.95

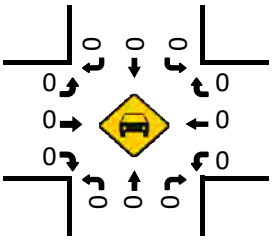
Totals (AM)



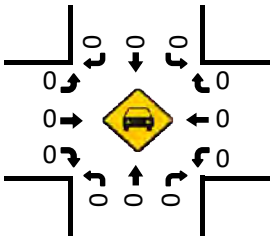
Total (AM)



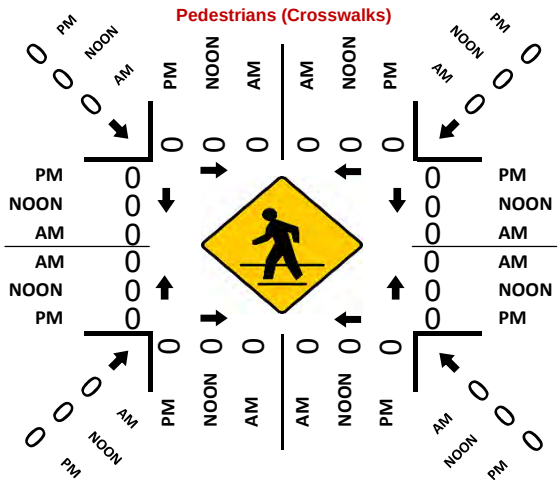
Totals (NOON)



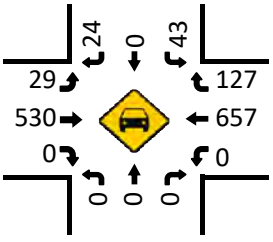
Total (NOON)



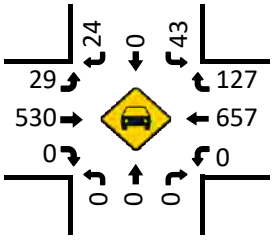
Pedestrians (Crosswalks)



Totals (PM)



Total (PM)



National Data & Surveying Services Intersection Turning Movement Count

Location: Santa Clara Ave & Ventura Blvd
City: Oxnard
Control: Signalized

Project ID: 22-050013-003
Date: 3/1/2022

Data - Totals

NS/EW Streets:	Santa Clara Ave				Santa Clara Ave				Ventura Blvd				Ventura Blvd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	2	1	0	1	3	0	0	0	0	0	0	1	0	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	93	13	0	8	113	0	0	0	0	0	0	24	0	6	0	257
7:15 AM	0	132	16	0	5	137	0	0	0	0	0	0	28	0	8	0	326
7:30 AM	0	125	23	0	3	131	0	0	0	0	0	0	55	0	4	0	341
7:45 AM	0	174	23	0	12	183	0	0	0	0	0	0	59	0	10	0	461
8:00 AM	0	184	31	0	7	151	0	0	0	0	0	0	36	0	9	0	418
8:15 AM	0	107	26	0	8	182	0	0	0	0	0	0	25	0	6	0	354
8:30 AM	0	93	31	0	10	142	0	0	0	0	0	0	25	0	7	0	308
8:45 AM	0	81	19	0	8	152	0	0	0	0	0	0	22	0	7	0	289
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	989	182	0	61	1191	0	0	0	0	0	0	274	0	57	0	2754
APPROACH %'s :	0.00%	84.46%	15.54%	0.00%	4.87%	95.13%	0.00%	0.00%					82.78%	0.00%	17.22%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	0	590	103	0	30	647	0	0	0	0	0	0	175	0	29	0	1574
PEAK HR FACTOR :	0.000	0.802	0.831	0.000	0.625	0.884	0.000	0.000	0.000	0.000	0.000	0.000	0.742	0.000	0.725	0.000	0.854
		0.806				0.868								0.739			

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	2	1	0	1	3	0	0	0	0	0	0	1	0	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	157	47	0	6	176	0	0	0	0	0	0	41	0	10	0	437
4:15 PM	0	159	34	0	7	207	0	0	0	0	0	0	50	0	3	0	460
4:30 PM	0	159	49	0	6	191	0	0	0	0	0	0	44	0	16	0	465
4:45 PM	0	150	45	0	9	143	0	0	0	0	0	0	42	0	18	0	407
5:00 PM	0	171	38	0	10	170	0	0	0	0	0	0	57	0	15	0	461
5:15 PM	0	157	48	0	7	146	0	0	0	0	0	0	42	0	17	0	417
5:30 PM	0	156	38	0	3	158	0	0	0	0	0	0	41	0	5	0	401
5:45 PM	0	126	33	0	8	166	0	0	0	0	0	0	49	0	10	0	392
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	1235	332	0	56	1357	0	0	0	0	0	0	366	0	94	0	3440
APPROACH %'s :	0.00%	78.81%	21.19%	0.00%	3.96%	96.04%	0.00%	0.00%					79.57%	0.00%	20.43%	0.00%	
PEAK HR :	04:15 PM - 05:15 PM																TOTAL
PEAK HR VOL :	0	639	166	0	32	711	0	0	0	0	0	0	193	0	52	0	1793
PEAK HR FACTOR :	0.000	0.934	0.847	0.000	0.800	0.859	0.000	0.000	0.000	0.000	0.000	0.000	0.846	0.000	0.722	0.000	0.964
		0.963				0.868								0.851			

Prepared by National Data & Surveying Services

Santa Clara Ave & Ventura Blvd

Peak Hour Turning Movement Count

ID: 22-050013-003
City: Oxnard

Day: Tuesday
Date: 3/1/2022

PEAK HOURS

AM: 07:30 AM - 08:30 AM
NOON: NONE
PM: 04:15 PM - 05:15 PM

COUNT PERIODS

AM: 7:00 AM - 09:00 AM
NOON: NONE
PM: 4:00 PM - 06:00 PM

SOUTHBOUND (Santa Clara Ave)

AM	0	647	30	0	619	AM
NOON	0	0	0	0	0	NOON
PM	0	711	32	0	691	PM

EASTBOUND (Ventura Blvd)

AM	NOON	PM	
0	0	0	⇦
0	0	0	↶ 0
0	0	0	↱ 0
0	0	0	→ 0
0	0	0	↴ 0
AM	NOON	PM	

0 3 1 0

CONTROL

Signalized

TEV	1574 AM	0 NOON	1793 PM
PHF	0.85		0.96

WESTBOUND (Ventura Blvd)

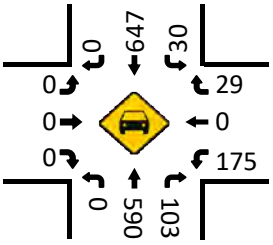
PM	NOON	AM	
52	0	29	1 ↰
0	0	0	0 ←
193	0	175	1 ↩
0	0	0	0 ↷
198	0	133	⇨
PM	NOON	AM	

0 0 2 1

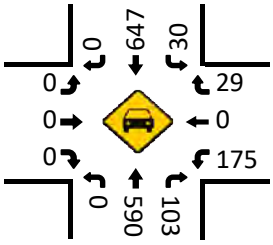
NORTHBOUND (Santa Clara Ave)

PM	904	0	0	639	166	PM
NOON	0	0	0	0	0	NOON
AM	822	0	0	590	103	AM

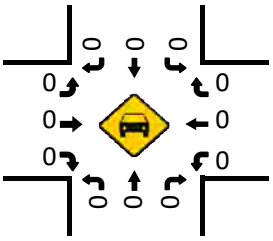
Totals (AM)



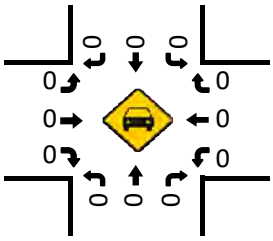
Totals (AM)



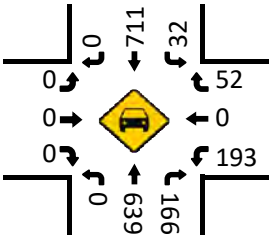
Totals (NOON)



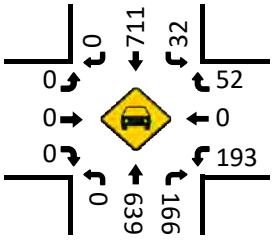
Totals (NOON)



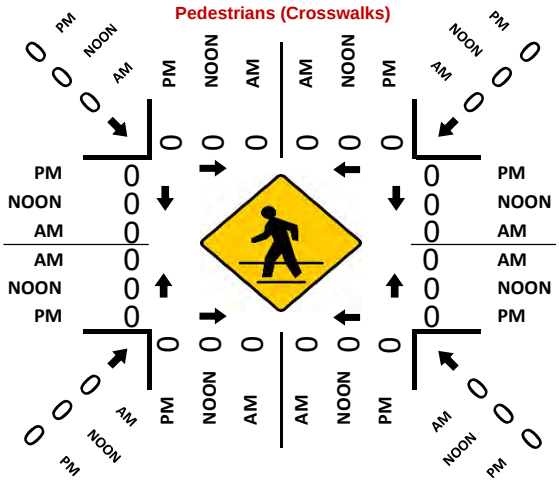
Totals (PM)



Totals (PM)



Pedestrians (Crosswalks)



Appendix 6
Intersection Level of Service Calculation Worksheets

Existing and Existing + Project AM and PM Peak Hour

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 1
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Central Ave
SCENARIO: Existing Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	337	214	61	123	269	60	13	494	238	24	348	68
Project Trips	0	4	3	0	6	0	0	0	0	3	0	0
GEOMETRY	L	T TR		L	T TR		L	T	R	L	TR	

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	337	337	0.21 *	0.21 *
NBT	2.0	3,200	214	218	0.09	0.09
NBR	0.0	0	61	64	0.00	0.00
SBL	1.0	1,600	123	123	0.08	0.08
SBT	2.0	3,200	269	275	0.10 *	0.10 *
SBR	0.0	0	60	60	0.00	0.00
EBL	1.0	1,600	13	13	0.01	0.01
EBT	1.0	1,600	494	494	0.31 *	0.31 *
EBR	1.0	1,600	238	238	0.15	0.15
WBL	1.0	1,600	24	27	0.02 *	0.02 *
WBT	1.0	1,600	348	348	0.26	0.26
WBR	0.0	0	68	68	0.00	0.00
N/S Critical Movements					0.31	0.31
E/W Critical Movements					0.33	0.33
Clearance Interval					0.00	0.00
ICU					0.64	0.64
Level of Service (LOS)					B	B

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 1
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Central Ave
SCENARIO: Existing Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	150	295	36	63	256	21	4	286	187	58	421	173
Project Trips	0	1	1	0	1	0	0	0	0	1	0	0
GEOMETRY	L	T TR		L	T TR		L	T	R	L	TR	

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	150	150	0.09 *	0.09 *
NBT	2.0	3,200	295	296	0.10	0.10
NBR	0.0	0	36	37	0.00	0.00
SBL	1.0	1,600	63	63	0.04	0.04
SBT	2.0	3,200	256	257	0.09 *	0.09 *
SBR	0.0	0	21	21	0.00	0.00
EBL	1.0	1,600	4	4	0.00 *	0.00 *
EBT	1.0	1,600	286	286	0.18	0.18
EBR	1.0	1,600	187	187	0.12	0.12
WBL	1.0	1,600	58	59	0.04	0.04
WBT	1.0	1,600	421	421	0.37 *	0.37 *
WBR	0.0	0	173	173	0.00	0.00
N/S Critical Movements					0.18	0.18
E/W Critical Movements					0.37	0.37
Clearance Interval					0.00	0.00
ICU					0.55	0.55
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 2
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Simon Wy
SCENARIO: Existing Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	72	531	2	1	495	22	98	0	167	0	0	0
Project Trips	2	7	0	0	9	0	0	0	3	0	0	0
GEOMETRY	L	T TR		L	TT	R	LTR			LTR		

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	72	74	0.05 *	0.05 *
NBT	2.0	3,200	531	538	0.17	0.17
NBR	0.0	0	2	2	0.00	0.00
SBL	1.0	1,600	1	1	0.00	0.00
SBT	2.0	3,200	495	504	0.15 *	0.16 *
SBR	1.0	1,600	22	22	0.01	0.01
EBL	0.0	0	98	98	0.00	0.00
EBT	1.0	1,600	0	0	0.17 *	0.17 *
EBR	0.0	0	167	170	0.00	0.00
WBL	0.0	0	0	0	0.00 *	0.00 *
WBT	1.0	1,600	0	0	0.00	0.00
WBR	0.0	0	0	0	0.00	0.00
N/S Critical Movements					0.20	0.21
E/W Critical Movements					0.17	0.17
Clearance Interval					0.00	0.00
ICU					0.37	0.38
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 2
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Simon Wy
SCENARIO: Existing Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	137	477	0	0	487	43	20	0	101	0	0	0
Project Trips	1	2	0	0	1	0	0	0	1	0	0	0
GEOMETRY	L	T TR		L	TT	R	LTR			LTR		

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	137	138	0.09 *	0.09 *
NBT	2.0	3,200	477	479	0.15	0.15
NBR	0.0	0	0	0	0.00	0.00
SBL	1.0	1,600	0	0	0.00	0.00
SBT	2.0	3,200	487	488	0.15 *	0.15 *
SBR	1.0	1,600	43	43	0.03	0.03
EBL	0.0	0	20	20	0.00	0.00
EBT	1.0	1,600	0	0	0.08 *	0.08 *
EBR	0.0	0	101	102	0.00	0.00
WBL	0.0	0	0	0	0.00 *	0.00 *
WBT	1.0	1,600	0	0	0.00	0.00
WBR	0.0	0	0	0	0.00	0.00
N/S Critical Movements					0.24	0.24
E/W Critical Movements					0.08	0.08
Clearance Interval					0.00	0.00
ICU					0.32	0.32
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 3
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Walnut Dr
SCENARIO: Existing Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	37	535	0	0	695	17	22	0	86	133	22	33
Project Trips	0	0	0	0	0	0	0	0	0	0	0	0
GEOMETRY	L	TT			TT	R		LR			LTR	

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	37	37	0.02 *	0.02 *
NBT	2.0	3,200	535	535	0.17	0.17
NBR	0.0	0	0	0	0.00	0.00
SBL	0.0	0	0	0	0.00	0.00
SBT	2.0	3,200	695	695	0.22 *	0.22 *
SBR	1.0	1,600	17	17	0.01	0.01
EBL	0.0	0	22	22	0.00	0.00
EBT	1.0	1,600	0	0	0.07 *	0.07 *
EBR	0.0	0	86	86	0.00	0.00
WBL	0.0	0	133	133	0.00	0.00
WBT	1.0	1,600	22	22	0.12 *	0.12 *
WBR	0.0	0	33	33	0.00	0.00
N/S Critical Movements					0.24	0.24
E/W Critical Movements					0.19	0.19
Clearance Interval					0.00	0.00
ICU					0.43	0.43
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 3
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Walnut Dr
SCENARIO: Existing Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	63	700	0	0	590	9	6	0	54	20	2	5
Project Trips	0	0	0	0	0	0	0	0	0	0	0	0
GEOMETRY	L	TT			TT	R		LR			LTR	

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	63	63	0.04 *	0.04 *
NBT	2.0	3,200	700	700	0.22	0.22
NBR	0.0	0	0	0	0.00	0.00
SBL	0.0	0	0	0	0.00	0.00
SBT	2.0	3,200	590	590	0.18 *	0.18 *
SBR	1.0	1,600	9	9	0.01	0.01
EBL	0.0	0	6	6	0.00	0.00
EBT	1.0	1,600	0	0	0.04 *	0.04 *
EBR	0.0	0	54	54	0.00	0.00
WBL	0.0	0	20	20	0.00	0.00
WBT	1.0	1,600	2	2	0.02 *	0.02 *
WBR	0.0	0	5	5	0.00	0.00
N/S Critical Movements					0.22	0.22
E/W Critical Movements					0.06	0.06
Clearance Interval					0.00	0.00
ICU					0.28	0.28
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

HCS7 Two-Way Stop-Control Report

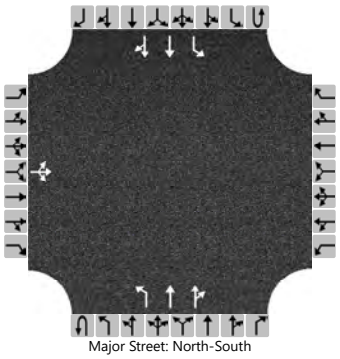
General Information

Analyst	DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	2022
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	4. Rose Ave/Orange St
Jurisdiction	Ventura County
East/West Street	Orange St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	1	2	0
Configuration			LTR							L	T	TR		L	T	TR
Volume (veh/h)		5	3	38					0	33	569	187	0	48	855	10
Percent Heavy Vehicles (%)		3	3	3					3	3			3	3		
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5	6.5	6.9						4.1				4.1		
Critical Headway (sec)		7.56	6.56	6.96						4.16				4.16		
Base Follow-Up Headway (sec)		3.5	4.0	3.3						2.2				2.2		
Follow-Up Headway (sec)		3.53	4.03	3.33						2.23				2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			46							33				48		
Capacity, c (veh/h)			298							767				844		
v/c Ratio			0.15							0.04				0.06		
95% Queue Length, Q_{95} (veh)			0.5							0.1				0.2		
Control Delay (s/veh)			19.3							9.9				9.5		
Level of Service (LOS)			C							A				A		
Approach Delay (s/veh)		19.3								0.4				0.5		
Approach LOS		C														

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HCS7 Two-Way Stop-Control Report

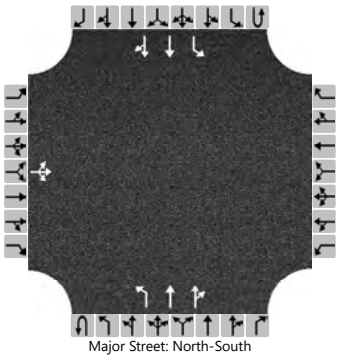
General Information

Analyst	DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	EXPR
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	4. Rose Ave/Orange St
Jurisdiction	Ventura County
East/West Street	Orange St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	1	2	0
Configuration			LTR							L	T	TR		L	T	TR
Volume (veh/h)		5	3	38					0	33	570	152	0	62	847	14
Percent Heavy Vehicles (%)		3	3	3					3	3			3	3		
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5	6.5	6.9						4.1				4.1		
Critical Headway (sec)		7.56	6.56	6.96						4.16				4.16		
Base Follow-Up Headway (sec)		3.5	4.0	3.3						2.2				2.2		
Follow-Up Headway (sec)		3.53	4.03	3.33						2.23				2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			46							33				62		
Capacity, c (veh/h)			294							770				869		
v/c Ratio			0.16							0.04				0.07		
95% Queue Length, Q_{95} (veh)			0.6							0.1				0.2		
Control Delay (s/veh)			19.5							9.9				9.5		
Level of Service (LOS)			C							A				A		
Approach Delay (s/veh)		19.5								0.4				0.6		
Approach LOS		C														

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HCS7 Two-Way Stop-Control Report

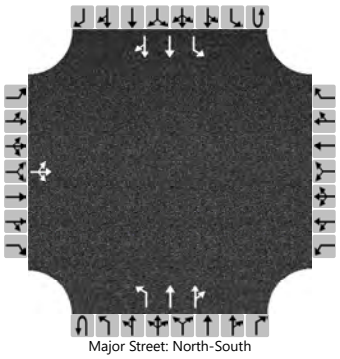
General Information

Analyst	DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	2022
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Orange St
Jurisdiction	Ventura County
East/West Street	Orange St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	1	2	0
Configuration			LTR							L	T	TR		L	T	TR
Volume (veh/h)		2	0	30					0	55	756	17	0	3	649	10
Percent Heavy Vehicles (%)		3	3	3					3	3			3	3		
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5	6.5	6.9						4.1				4.1		
Critical Headway (sec)		7.56	6.56	6.96						4.16				4.16		
Base Follow-Up Headway (sec)		3.5	4.0	3.3						2.2				2.2		
Follow-Up Headway (sec)		3.53	4.03	3.33						2.23				2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			32							55				3		
Capacity, c (veh/h)			542							918				832		
v/c Ratio			0.06							0.06				0.00		
95% Queue Length, Q_{95} (veh)			0.2							0.2				0.0		
Control Delay (s/veh)			12.1							9.2				9.3		
Level of Service (LOS)			B							A				A		
Approach Delay (s/veh)		12.1								0.6				0.0		
Approach LOS		B														

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HCS7 Two-Way Stop-Control Report

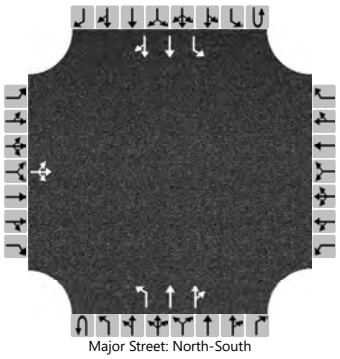
General Information

Analyst	DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	EXPR
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Orange St
Jurisdiction	Ventura County
East/West Street	Orange St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	1	2	0
Configuration			LTR							L	T	TR		L	T	TR
Volume (veh/h)		2	1	30					0	55	757	17	0	5	651	11
Percent Heavy Vehicles (%)		3	3	3					3	3			3	3		
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5	6.5	6.9						4.1				4.1		
Critical Headway (sec)		7.56	6.56	6.96						4.16				4.16		
Base Follow-Up Headway (sec)		3.5	4.0	3.3						2.2				2.2		
Follow-Up Headway (sec)		3.53	4.03	3.33						2.23				2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			33							55				5		
Capacity, c (veh/h)			479							916				831		
v/c Ratio			0.07							0.06				0.01		
95% Queue Length, Q_{95} (veh)			0.2							0.2				0.0		
Control Delay (s/veh)			13.1							9.2				9.4		
Level of Service (LOS)			B							A				A		
Approach Delay (s/veh)		13.1								0.6				0.1		
Approach LOS		B														

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INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 5
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Collins St
SCENARIO: Existing Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	31	670	32	30	857	19	73	11	88	9	9	52
Project Trips	0	0	0	0	0	0	0	0	0	0	0	0
GEOMETRY	L	TT	R	L	T TR		LTR			LTR		

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	31	31	0.02 *	0.02 *
NBT	2.0	3,200	670	670	0.21	0.21
NBR	1.0	1,600	32	32	0.02	0.02
SBL	1.0	1,600	30	30	0.02	0.02
SBT	2.0	3,200	857	857	0.27 *	0.27 *
SBR	0.0	0	19	19	0.00	0.00
EBL	0.0	0	73	73	0.00	0.00
EBT	1.0	1,600	11	11	0.11 *	0.11 *
EBR	0.0	0	88	88	0.00	0.00
WBL	0.0	0	9	9	0.00	0.00
WBT	1.0	1,600	9	9	0.04 *	0.04 *
WBR	0.0	0	52	52	0.00	0.00
N/S Critical Movements					0.29	0.29
E/W Critical Movements					0.15	0.15
Clearance Interval					0.00	0.00
ICU					0.44	0.44
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 5
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Collins St
SCENARIO: Existing Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	75	730	12	26	648	15	8	4	74	28	21	98
Project Trips	0	0	0	0	0	0	0	0	0	0	0	0
GEOMETRY	L	TT	R	L	T TR		LTR			LTR		

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	75	75	0.05 *	0.05 *
NBT	2.0	3,200	730	730	0.23	0.23
NBR	1.0	1,600	12	12	0.01	0.01
SBL	1.0	1,600	26	26	0.02	0.02
SBT	2.0	3,200	648	648	0.21 *	0.21 *
SBR	0.0	0	15	15	0.00	0.00
EBL	0.0	0	8	8	0.00	0.00
EBT	1.0	1,600	4	4	0.05 *	0.05 *
EBR	0.0	0	74	74	0.00	0.00
WBL	0.0	0	28	28	0.00	0.00
WBT	1.0	1,600	21	21	0.09 *	0.09 *
WBR	0.0	0	98	98	0.00	0.00
N/S Critical Movements					0.26	0.26
E/W Critical Movements					0.14	0.14
Clearance Interval					0.00	0.00
ICU					0.40	0.40
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

HCS7 Two-Way Stop-Control Report

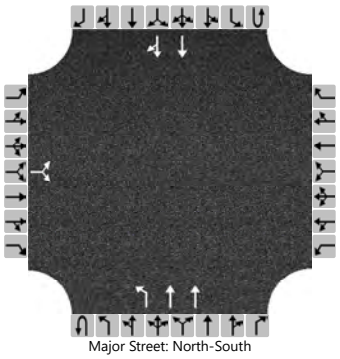
General Information

Analyst	06_DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	2022
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Stroube St
Jurisdiction	Ventura County
East/West Street	Stroube St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	0	2	0
Configuration			LR							L	T				T	TR
Volume (veh/h)		6		173					0	151	724				936	29
Percent Heavy Vehicles (%)		3		3					3	3						
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5		6.9						4.1						
Critical Headway (sec)		6.86		6.96						4.16						
Base Follow-Up Headway (sec)		3.5		3.3						2.2						
Follow-Up Headway (sec)		3.53		3.33						2.23						

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			179							151						
Capacity, c (veh/h)			437							703						
v/c Ratio			0.41							0.21						
95% Queue Length, Q_{95} (veh)			2.0							0.8						
Control Delay (s/veh)			18.9							11.5						
Level of Service (LOS)			C							B						
Approach Delay (s/veh)		18.9								2.0						
Approach LOS		C														

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HCS7 Two-Way Stop-Control Report

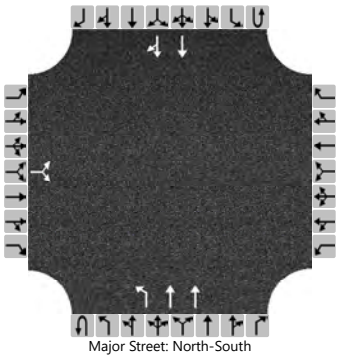
General Information

Analyst	06_DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	EXPR
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Stroube St
Jurisdiction	Ventura County
East/West Street	Stroube St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes


Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	0	2	0
Configuration			LR							L	T				T	TR
Volume (veh/h)		9		173					0	151	778				975	32
Percent Heavy Vehicles (%)		3		3					3	3						
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5		6.9						4.1						
Critical Headway (sec)		6.86		6.96						4.16						
Base Follow-Up Headway (sec)		3.5		3.3						2.2						
Follow-Up Headway (sec)		3.53		3.33						2.23						

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			182							151						
Capacity, c (veh/h)			383							678						
v/c Ratio			0.48							0.22						
95% Queue Length, Q_{95} (veh)			2.7							0.9						
Control Delay (s/veh)			22.9							11.8						
Level of Service (LOS)			C							B						
Approach Delay (s/veh)		22.9								1.9						
Approach LOS		C														

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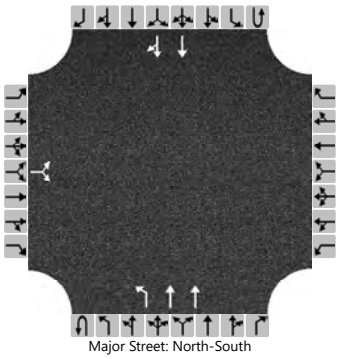
General Information

Analyst	06_DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	2022
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Stroube St
Jurisdiction	Ventura County
East/West Street	Stroube St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	0	2	0
Configuration			LR							L	T				T	TR
Volume (veh/h)		4		123					0	119	791				747	16
Percent Heavy Vehicles (%)		3		3					3	3						
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5		6.9						4.1						
Critical Headway (sec)		6.86		6.96						4.16						
Base Follow-Up Headway (sec)		3.5		3.3						2.2						
Follow-Up Headway (sec)		3.53		3.33						2.23						

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			127							119						
Capacity, c (veh/h)			539							839						
v/c Ratio			0.24							0.14						
95% Queue Length, Q_{95} (veh)			0.9							0.5						
Control Delay (s/veh)			13.7							10.0						
Level of Service (LOS)			B							B						
Approach Delay (s/veh)		13.7								1.3						
Approach LOS		B														

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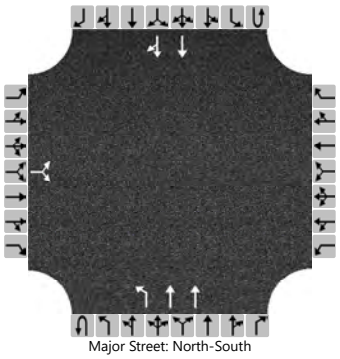
General Information

Analyst	06_DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	EXPR
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Stroube St
Jurisdiction	Ventura County
East/West Street	Stroube St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	0	2	0
Configuration			LR							L	T				T	TR
Volume (veh/h)		5		123					0	119	801				760	17
Percent Heavy Vehicles (%)		3		3					3	3						
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5		6.9						4.1						
Critical Headway (sec)		6.86		6.96						4.16						
Base Follow-Up Headway (sec)		3.5		3.3						2.2						
Follow-Up Headway (sec)		3.53		3.33						2.23						

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			128							119						
Capacity, c (veh/h)			516							829						
v/c Ratio			0.25							0.14						
95% Queue Length, Q_{95} (veh)			1.0							0.5						
Control Delay (s/veh)			14.3							10.1						
Level of Service (LOS)			B							B						
Approach Delay (s/veh)		14.3								1.3						
Approach LOS		B														

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INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 7
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Ventura Blvd/Auto Cntr Dr (Split Phased)
SCENARIO: Existing Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	112	756	389	128	931	37	39	57	138	165	31	80
Project Trips	0	51	0	0	37	3	3	0	0	0	0	0
GEOMETRY	L	TT	RR	L	T TR		L	T	R	LL	LT	R

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	112	112	0.07 *	0.07 *
NBT	2.0	3,200	756	807	0.24	0.25
NBR	2.0 (a)	3,200	389	389	0.24	0.24
SBL	1.0	1,600	128	128	0.08	0.08
SBT	2.0	3,200	931	968	0.30 *	0.32 *
SBR	0.0	0	37	40	0.00	0.00
EBL	1.0	1,600	39	42	0.02	0.03
EBT	1.0	1,600	57	57	0.04	0.04
EBR	1.0	1,600	138	138	0.09 *	0.09 *
WBL	0.0	0	165	165	0.00	0.00
WBT	3.0	4,800	31	31	0.04 *	0.04 *
WBR	1.0	1,600	80	80	0.05	0.05
N/S Critical Movements					0.37	0.39
E/W Critical Movements					0.13	0.13
Clearance Interval					0.00	0.00
ICU					0.50	0.52
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

(a) NB RT not critical due to RT overlap arrow w/WB LT

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 7
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Ventura Blvd/Auto Cntr Dr (Split Phased)
SCENARIO: Existing Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	186	731	536	148	713	17	6	85	172	690	141	178
Project Trips	0	9	0	0	12	1	1	0	0	0	0	0
GEOMETRY	L	TT	RR	L	T TR		L	T	R	LL	LT	R

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	186	186	0.12 *	0.12 *
NBT	2.0	3,200	731	740	0.23	0.23
NBR	2.0 (a)	3,200	536	536	0.34	0.34
SBL	1.0	1,600	148	148	0.09	0.09
SBT	2.0	3,200	713	725	0.23 *	0.23 *
SBR	0.0	0	17	18	0.00	0.00
EBL	1.0	1,600	6	7	0.00	0.00
EBT	1.0	1,600	85	85	0.05	0.05
EBR	1.0	1,600	172	172	0.11 *	0.11 *
WBL	0.0	0	690	690	0.00	0.00
WBT	3.0	4,800	141	141	0.17 *	0.17 *
WBR	1.0	1,600	178	178	0.11	0.11
N/S Critical Movements					0.35	0.35
E/W Critical Movements					0.28	0.28
Clearance Interval					0.00	0.00
ICU					0.63	0.63
Level of Service (LOS)					B	B

Notes: V/C - Volume to Capacity Ratio

(a) NB RT not critical due to RT overlap arrow w/WB LT

HCS7 Two-Way Stop-Control Report

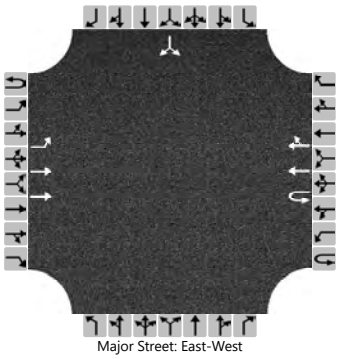
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	2022
Time Analyzed	AM Peak Hour
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		0	1	0
Configuration		L	T		U		T	TR							LR	
Volume (veh/h)	0	44	389		19		264	84						28		9
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		44			19										37	
Capacity, c (veh/h)		1200			809										447	
v/c Ratio		0.04			0.02										0.08	
95% Queue Length, Q_{95} (veh)		0.1			0.1										0.3	
Control Delay (s/veh)		8.1			9.6										13.8	
Level of Service (LOS)		A			A										B	
Approach Delay (s/veh)	0.8				0.5								13.8			
Approach LOS													B			

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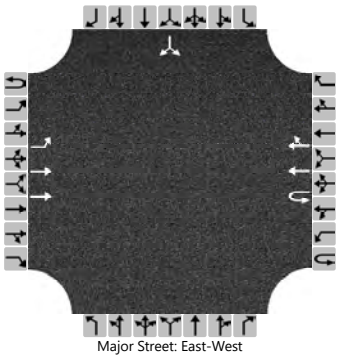
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	EXPR
Time Analyzed	AM Peak Hour
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes


Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		0	1	0
Configuration		L	T		U		T	TR							LR	
Volume (veh/h)	0	44	389		19		264	114						46		9
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		44			19										55	
Capacity, c (veh/h)		1170			809										417	
v/c Ratio		0.04			0.02										0.13	
95% Queue Length, Q_{95} (veh)		0.1			0.1										0.5	
Control Delay (s/veh)		8.2			9.6										14.9	
Level of Service (LOS)		A			A										B	
Approach Delay (s/veh)	0.8				0.5								14.9			
Approach LOS													B			

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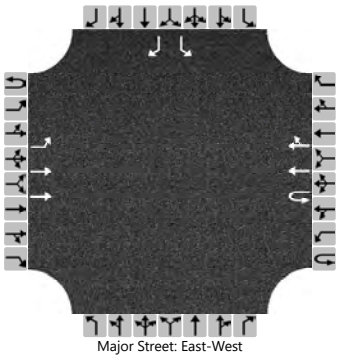
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	EXPR
Time Analyzed	AM Peak Hour - Mitigated
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes


Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		1	0	1
Configuration		L	T		U		T	TR						L		R
Volume (veh/h)	0	44	389		19		264	114						46		9
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized													No			
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		44			19									46		9
Capacity, c (veh/h)		1170			809									380		818
v/c Ratio		0.04			0.02									0.12		0.01
95% Queue Length, Q_{95} (veh)		0.1			0.1									0.4		0.0
Control Delay (s/veh)		8.2			9.6									15.8		9.5
Level of Service (LOS)		A			A									C		A
Approach Delay (s/veh)	0.8				0.5								14.7			
Approach LOS													B			

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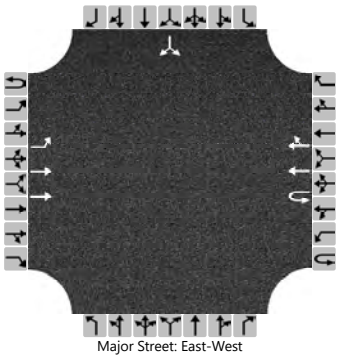
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	2022
Time Analyzed	PM Peak Hour
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes


Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		0	1	0
Configuration		L	T		U		T	TR							LR	
Volume (veh/h)	0	65	530		27		657	127						43		24
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		65			27										67	
Capacity, c (veh/h)		824			658										221	
v/c Ratio		0.08			0.04										0.30	
95% Queue Length, Q_{95} (veh)		0.3			0.1										1.3	
Control Delay (s/veh)		9.7			10.7										28.4	
Level of Service (LOS)		A			B										D	
Approach Delay (s/veh)	1.1				0.4								28.4			
Approach LOS													D			

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HCS7 Two-Way Stop-Control Report

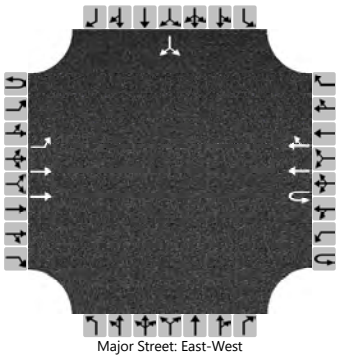
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	EXPR
Time Analyzed	PM Peak Hour
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		0	1	0
Configuration		L	T		U		T	TR							LR	
Volume (veh/h)	0	65	530		27		657	133						52		24
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		65			27										76	
Capacity, c (veh/h)		819			658										211	
v/c Ratio		0.08			0.04										0.36	
95% Queue Length, Q_{95} (veh)		0.3			0.1										1.7	
Control Delay (s/veh)		9.8			10.7										31.6	
Level of Service (LOS)		A			B										D	
Approach Delay (s/veh)	1.1				0.4								31.6			
Approach LOS													D			

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HCS7 Two-Way Stop-Control Report

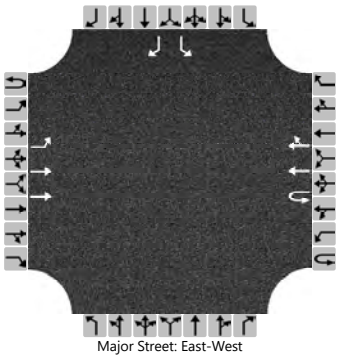
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	EXPR
Time Analyzed	PM Peak Hour - Mitigated
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes


Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		1	0	1
Configuration		L	T		U		T	TR						L		R
Volume (veh/h)	0	65	530		27		657	133						52		24
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized													No			
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		65			27									52		24
Capacity, c (veh/h)		819			658									162		601
v/c Ratio		0.08			0.04									0.32		0.04
95% Queue Length, Q_{95} (veh)		0.3			0.1									1.4		0.1
Control Delay (s/veh)		9.8			10.7									37.6		11.2
Level of Service (LOS)		A			B									E		B
Approach Delay (s/veh)	1.1				0.4								29.3			
Approach LOS													D			

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INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 9
NORTH/SOUTH STREET: Santa Clara Ave
EAST/WEST STREET: Ventura Blvd
SCENARIO: Existing Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	0	590	103	30	647	0	0	0	0	175	0	29
Project Trips	0	2	5	0	2	0	0	0	0	7	0	0
GEOMETRY		TT	R	L	TTT					L		R

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	0.0	0	0	0	0.00	0.00
NBT	2.0	3,200	590	592	0.18 *	0.19 *
NBR	1.0	1,600	103	108	0.06	0.07
SBL	1.0	1,600	30	30	0.02 *	0.02 *
SBT	3.0	4,800	647	649	0.13	0.14
SBR	0.0	0	0	0	0.00	0.00
EBL	0.0	0	0	0	0.00	0.00
EBT	0.0	0	0	0	0.00 *	0.00 *
EBR	0.0	0	0	0	0.00	0.00
WBL	1.0	1,600	175	182	0.11 *	0.11 *
WBT	0.0	0	0	0	0.00	0.00
WBR	1.0	1,600	29	29	0.02	0.02
N/S Critical Movements					0.20	0.21
E/W Critical Movements					0.11	0.11
Clearance Interval					0.00	0.00
ICU					0.31	0.32
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 9
NORTH/SOUTH STREET: Santa Clara Ave
EAST/WEST STREET: Ventura Blvd
SCENARIO: Existing Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	0	639	166	32	711	0	0	0	0	193	0	52
Project Trips	0	0	2	0	0	0	0	0	0	2	0	0
GEOMETRY		TT	R	L	TTT					L		R

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	0.0	0	0	0	0.00	0.00
NBT	2.0	3,200	639	639	0.20 *	0.20 *
NBR	1.0	1,600	166	168	0.10	0.11
SBL	1.0	1,600	32	32	0.02 *	0.02 *
SBT	3.0	4,800	711	711	0.15	0.15
SBR	0.0	0	0	0	0.00	0.00
EBL	0.0	0	0	0	0.00	0.00
EBT	0.0	0	0	0	0.00 *	0.00 *
EBR	0.0	0	0	0	0.00	0.00
WBL	1.0	1,600	193	195	0.12 *	0.12 *
WBT	0.0	0	0	0	0.00	0.00
WBR	1.0	1,600	52	52	0.03	0.03
N/S Critical Movements					0.22	0.22
E/W Critical Movements					0.12	0.12
Clearance Interval					0.00	0.00
ICU					0.34	0.34
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

Cumulative and Cumulative + Project AM and PM Peak Hour

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 1
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Central Ave
SCENARIO: Cumulative Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	337	236	61	123	300	60	13	494	238	24	348	68
Project Trips	0	4	3	0	6	0	0	0	0	3	0	0
GEOMETRY	L	T TR		L	T TR		L	T	R	L	TR	

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	337	337	0.21 *	0.21 *
NBT	2.0	3,200	236	240	0.09	0.10
NBR	0.0	0	61	64	0.00	0.00
SBL	1.0	1,600	123	123	0.08	0.08
SBT	2.0	3,200	300	306	0.11 *	0.11 *
SBR	0.0	0	60	60	0.00	0.00
EBL	1.0	1,600	13	13	0.01	0.01
EBT	1.0	1,600	494	494	0.31 *	0.31 *
EBR	1.0	1,600	238	238	0.15	0.15
WBL	1.0	1,600	24	27	0.02 *	0.02 *
WBT	1.0	1,600	348	348	0.26	0.26
WBR	0.0	0	68	68	0.00	0.00
N/S Critical Movements					0.32	0.32
E/W Critical Movements					0.33	0.33
Clearance Interval					0.00	0.00
ICU					0.65	0.65
Level of Service (LOS)					B	B

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 1
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Central Ave
SCENARIO: Existing Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	150	310	36	63	266	21	4	286	187	58	421	173
Project Trips	0	1	1	0	1	0	0	0	0	1	0	0
GEOMETRY	L	T TR		L	T TR		L	T	R	L	TR	

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	150	150	0.09 *	0.09 *
NBT	2.0	3,200	310	311	0.11	0.11
NBR	0.0	0	36	37	0.00	0.00
SBL	1.0	1,600	63	63	0.04	0.04
SBT	2.0	3,200	266	267	0.09 *	0.09 *
SBR	0.0	0	21	21	0.00	0.00
EBL	1.0	1,600	4	4	0.00 *	0.00 *
EBT	1.0	1,600	286	286	0.18	0.18
EBR	1.0	1,600	187	187	0.12	0.12
WBL	1.0	1,600	58	59	0.04	0.04
WBT	1.0	1,600	421	421	0.37 *	0.37 *
WBR	0.0	0	173	173	0.00	0.00
N/S Critical Movements					0.18	0.18
E/W Critical Movements					0.37	0.37
Clearance Interval					0.00	0.00
ICU					0.55	0.55
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 2
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Simon Wy
SCENARIO: Cumulative Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	72	553	2	1	526	22	98	0	167	0	0	0
Project Trips	2	7	0	0	9	0	0	0	3	0	0	0
GEOMETRY	L	T TR		L	TT	R	LTR			LTR		

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	72	74	0.05 *	0.05 *
NBT	2.0	3,200	553	560	0.17	0.18
NBR	0.0	0	2	2	0.00	0.00
SBL	1.0	1,600	1	1	0.00	0.00
SBT	2.0	3,200	526	535	0.16 *	0.17 *
SBR	1.0	1,600	22	22	0.01	0.01
EBL	0.0	0	98	98	0.00	0.00
EBT	1.0	1,600	0	0	0.17 *	0.17 *
EBR	0.0	0	167	170	0.00	0.00
WBL	0.0	0	0	0	0.00 *	0.00 *
WBT	1.0	1,600	0	0	0.00	0.00
WBR	0.0	0	0	0	0.00	0.00
N/S Critical Movements					0.21	0.22
E/W Critical Movements					0.17	0.17
Clearance Interval					0.00	0.00
ICU					0.38	0.39
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 2
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Simon Wy
SCENARIO: Cumulative Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	137	492	0	0	497	43	20	0	101	0	0	0
Project Trips	1	2	0	0	1	0	0	0	1	0	0	0
GEOMETRY	L	T TR		L	TT	R	LTR			LTR		

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	137	138	0.09 *	0.09 *
NBT	2.0	3,200	492	494	0.15	0.15
NBR	0.0	0	0	0	0.00	0.00
SBL	1.0	1,600	0	0	0.00	0.00
SBT	2.0	3,200	497	498	0.16 *	0.16 *
SBR	1.0	1,600	43	43	0.03	0.03
EBL	0.0	0	20	20	0.00	0.00
EBT	1.0	1,600	0	0	0.08 *	0.08 *
EBR	0.0	0	101	102	0.00	0.00
WBL	0.0	0	0	0	0.00 *	0.00 *
WBT	1.0	1,600	0	0	0.00	0.00
WBR	0.0	0	0	0	0.00	0.00
N/S Critical Movements					0.25	0.25
E/W Critical Movements					0.08	0.08
Clearance Interval					0.00	0.00
ICU					0.33	0.33
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 3
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Walnut Dr
SCENARIO: Cumulative Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	37	557	0	0	726	17	22	0	86	133	22	33
Project Trips	0	0	0	0	0	0	0	0	0	0	0	0
GEOMETRY	L	TT			TT	R		LR			LTR	

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	37	37	0.02 *	0.02 *
NBT	2.0	3,200	557	557	0.17	0.17
NBR	0.0	0	0	0	0.00	0.00
SBL	0.0	0	0	0	0.00	0.00
SBT	2.0	3,200	726	726	0.23 *	0.23 *
SBR	1.0	1,600	17	17	0.01	0.01
EBL	0.0	0	22	22	0.00	0.00
EBT	1.0	1,600	0	0	0.07 *	0.07 *
EBR	0.0	0	86	86	0.00	0.00
WBL	0.0	0	133	133	0.00	0.00
WBT	1.0	1,600	22	22	0.12 *	0.12 *
WBR	0.0	0	33	33	0.00	0.00
N/S Critical Movements					0.25	0.25
E/W Critical Movements					0.19	0.19
Clearance Interval					0.00	0.00
ICU					0.44	0.44
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 3
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Walnut Dr
SCENARIO: Cumulative Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	63	715	0	0	600	9	6	0	54	20	2	5
	0	0	0	0	0	0	0	0	0	0	0	0
GEOMETRY	L	TT			TT	R		LR			LTR	

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	63	63	0.04 *	0.04 *
NBT	2.0	3,200	715	715	0.22	0.22
NBR	0.0	0	0	0	0.00	0.00
SBL	0.0	0	0	0	0.00	0.00
SBT	2.0	3,200	600	600	0.19 *	0.19 *
SBR	1.0	1,600	9	9	0.01	0.01
EBL	0.0	0	6	6	0.00	0.00
EBT	1.0	1,600	0	0	0.04 *	0.04 *
EBR	0.0	0	54	54	0.00	0.00
WBL	0.0	0	20	20	0.00	0.00
WBT	1.0	1,600	2	2	0.02 *	0.02 *
WBR	0.0	0	5	5	0.00	0.00
N/S Critical Movements					0.23	0.23
E/W Critical Movements					0.06	0.06
Clearance Interval					0.00	0.00
ICU					0.29	0.29
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

HCS7 Two-Way Stop-Control Report

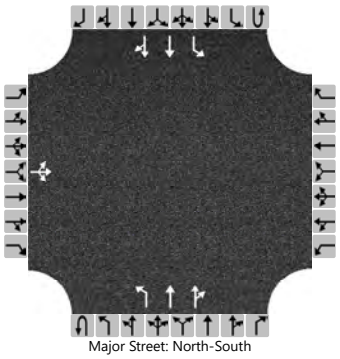
General Information

Analyst	DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	CUMU
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	4. Rose Ave/Orange St
Jurisdiction	Ventura County
East/West Street	Orange St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	1	2	0
Configuration			LTR							L	T	TR		L	T	TR
Volume (veh/h)		5	3	38					0	33	591	187	0	48	886	10
Percent Heavy Vehicles (%)		3	3	3					3	3			3	3		
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5	6.5	6.9						4.1				4.1		
Critical Headway (sec)		7.56	6.56	6.96						4.16				4.16		
Base Follow-Up Headway (sec)		3.5	4.0	3.3						2.2				2.2		
Follow-Up Headway (sec)		3.53	4.03	3.33						2.23				2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			46							33				48		
Capacity, c (veh/h)			282							747				828		
v/c Ratio			0.16							0.04				0.06		
95% Queue Length, Q_{95} (veh)			0.6							0.1				0.2		
Control Delay (s/veh)			20.2							10.0				9.6		
Level of Service (LOS)			C							B				A		
Approach Delay (s/veh)		20.2								0.4				0.5		
Approach LOS		C														

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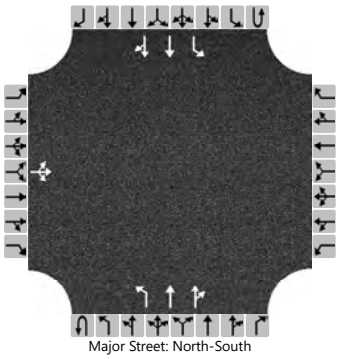
General Information

Analyst	DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	CUPR
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	4. Rose Ave/Orange St
Jurisdiction	Ventura County
East/West Street	Orange St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	1	2	0
Configuration			LTR							L	T	TR		L	T	TR
Volume (veh/h)		5	8	38					0	33	592	152	0	62	878	14
Percent Heavy Vehicles (%)		3	3	3					3	3			3	3		
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5	6.5	6.9						4.1				4.1		
Critical Headway (sec)		7.56	6.56	6.96						4.16				4.16		
Base Follow-Up Headway (sec)		3.5	4.0	3.3						2.2				2.2		
Follow-Up Headway (sec)		3.53	4.03	3.33						2.23				2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			51							33				62		
Capacity, c (veh/h)			213							750				853		
v/c Ratio			0.24							0.04				0.07		
95% Queue Length, Q_{95} (veh)			0.9							0.1				0.2		
Control Delay (s/veh)			27.2							10.0				9.6		
Level of Service (LOS)			D							B				A		
Approach Delay (s/veh)		27.2								0.4				0.6		
Approach LOS		D														

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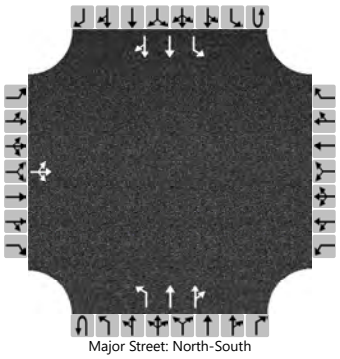
General Information

Analyst	DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	CUMU
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Orange St
Jurisdiction	Ventura County
East/West Street	Orange St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	1	2	0
Configuration			LTR							L	T	TR		L	T	TR
Volume (veh/h)		2	0	30					0	55	771	17	0	3	659	10
Percent Heavy Vehicles (%)		3	3	3					3	3			3	3		
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5	6.5	6.9						4.1				4.1		
Critical Headway (sec)		7.56	6.56	6.96						4.16				4.16		
Base Follow-Up Headway (sec)		3.5	4.0	3.3						2.2				2.2		
Follow-Up Headway (sec)		3.53	4.03	3.33						2.23				2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			32							55				3		
Capacity, c (veh/h)			535							910				821		
v/c Ratio			0.06							0.06				0.00		
95% Queue Length, Q_{95} (veh)			0.2							0.2				0.0		
Control Delay (s/veh)			12.2							9.2				9.4		
Level of Service (LOS)			B							A				A		
Approach Delay (s/veh)		12.2								0.6				0.0		
Approach LOS		B														

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HCS7 Two-Way Stop-Control Report

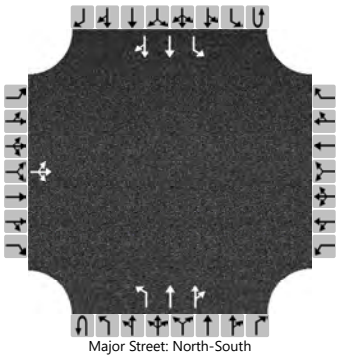
General Information

Analyst	DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	CUPR
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Orange St
Jurisdiction	Ventura County
East/West Street	Orange St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	1	2	0
Configuration			LTR							L	T	TR		L	T	TR
Volume (veh/h)		2	1	30					0	55	772	17	0	5	661	11
Percent Heavy Vehicles (%)		3	3	3					3	3			3	3		
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5	6.5	6.9						4.1				4.1		
Critical Headway (sec)		7.56	6.56	6.96						4.16				4.16		
Base Follow-Up Headway (sec)		3.5	4.0	3.3						2.2				2.2		
Follow-Up Headway (sec)		3.53	4.03	3.33						2.23				2.23		

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			33							55				5		
Capacity, c (veh/h)			471							908				820		
v/c Ratio			0.07							0.06				0.01		
95% Queue Length, Q_{95} (veh)			0.2							0.2				0.0		
Control Delay (s/veh)			13.2							9.2				9.4		
Level of Service (LOS)			B							A				A		
Approach Delay (s/veh)		13.2								0.6				0.1		
Approach LOS		B														

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INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 5
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Collins St
SCENARIO: Cumulative Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	31	692	32	30	888	19	73	11	88	9	9	52
Project Trips	0	0	0	0	0	0	0	0	0	0	0	0
GEOMETRY	L	TT	R	L	T TR		LTR			LTR		

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	31	31	0.02 *	0.02 *
NBT	2.0	3,200	692	692	0.22	0.22
NBR	1.0	1,600	32	32	0.02	0.02
SBL	1.0	1,600	30	30	0.02	0.02
SBT	2.0	3,200	888	888	0.28 *	0.28 *
SBR	0.0	0	19	19	0.00	0.00
EBL	0.0	0	73	73	0.00	0.00
EBT	1.0	1,600	11	11	0.11 *	0.11 *
EBR	0.0	0	88	88	0.00	0.00
WBL	0.0	0	9	9	0.00	0.00
WBT	1.0	1,600	9	9	0.04 *	0.04 *
WBR	0.0	0	52	52	0.00	0.00
N/S Critical Movements					0.30	0.30
E/W Critical Movements					0.15	0.15
Clearance Interval					0.00	0.00
ICU					0.45	0.45
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 5
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Collins St
SCENARIO: Cumulative Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	75	745	12	26	658	15	8	4	74	28	21	98
Project Trips	0	0	0	0	0	0	0	0	0	0	0	0
GEOMETRY	L	TT	R	L	T TR		LTR			LTR		

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	75	75	0.05 *	0.05 *
NBT	2.0	3,200	745	745	0.23	0.23
NBR	1.0	1,600	12	12	0.01	0.01
SBL	1.0	1,600	26	26	0.02	0.02
SBT	2.0	3,200	658	658	0.21 *	0.21 *
SBR	0.0	0	15	15	0.00	0.00
EBL	0.0	0	8	8	0.00	0.00
EBT	1.0	1,600	4	4	0.05 *	0.05 *
EBR	0.0	0	74	74	0.00	0.00
WBL	0.0	0	28	28	0.00	0.00
WBT	1.0	1,600	21	21	0.09 *	0.09 *
WBR	0.0	0	98	98	0.00	0.00
N/S Critical Movements					0.26	0.26
E/W Critical Movements					0.14	0.14
Clearance Interval					0.00	0.00
ICU					0.40	0.40
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

HCS7 Two-Way Stop-Control Report

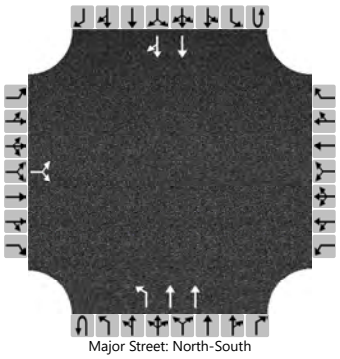
General Information

Analyst	06_DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	CUMU
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Stroube St
Jurisdiction	Ventura County
East/West Street	Stroube St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	0	2	0
Configuration			LR							L	T				T	TR
Volume (veh/h)		6		173					0	151	746				967	29
Percent Heavy Vehicles (%)		3		3					3	3						
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5		6.9						4.1						
Critical Headway (sec)		6.86		6.96						4.16						
Base Follow-Up Headway (sec)		3.5		3.3						2.2						
Follow-Up Headway (sec)		3.53		3.33						2.23						

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			179							151						
Capacity, c (veh/h)			423							684						
v/c Ratio			0.42							0.22						
95% Queue Length, Q_{95} (veh)			2.2							0.8						
Control Delay (s/veh)			19.7							11.7						
Level of Service (LOS)			C							B						
Approach Delay (s/veh)		19.7								2.0						
Approach LOS		C														

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HCS7 Two-Way Stop-Control Report

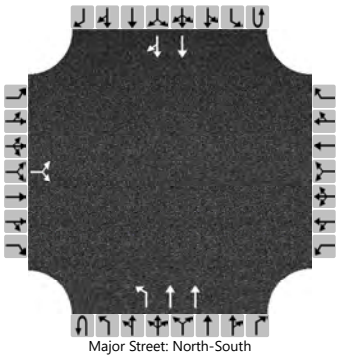
General Information

Analyst	06_DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	CUPR
Time Analyzed	AM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Stroube St
Jurisdiction	Ventura County
East/West Street	Stroube St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes


Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	0	2	0
Configuration			LR							L	T				T	TR
Volume (veh/h)		6		173					0	151	800				1006	32
Percent Heavy Vehicles (%)		3		3					3	3						
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5		6.9						4.1						
Critical Headway (sec)		6.86		6.96						4.16						
Base Follow-Up Headway (sec)		3.5		3.3						2.2						
Follow-Up Headway (sec)		3.53		3.33						2.23						

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			179							151						
Capacity, c (veh/h)			402							660						
v/c Ratio			0.44							0.23						
95% Queue Length, Q_{95} (veh)			2.4							0.9						
Control Delay (s/veh)			21.1							12.1						
Level of Service (LOS)			C							B						
Approach Delay (s/veh)		21.1								1.9						
Approach LOS		C														

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HCS7 Two-Way Stop-Control Report

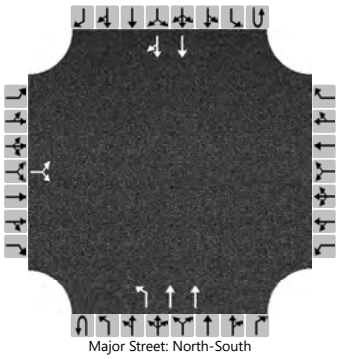
General Information

Analyst	06_DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	CUMU
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Stroube St
Jurisdiction	Ventura County
East/West Street	Stroube St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes


Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	0	2	0
Configuration			LR							L	T				T	TR
Volume (veh/h)		4		123					0	119	806				757	16
Percent Heavy Vehicles (%)		3		3					3	3						
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5		6.9						4.1						
Critical Headway (sec)		6.86		6.96						4.16						
Base Follow-Up Headway (sec)		3.5		3.3						2.2						
Follow-Up Headway (sec)		3.53		3.33						2.23						

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			127							119						
Capacity, c (veh/h)			533							832						
v/c Ratio			0.24							0.14						
95% Queue Length, Q_{95} (veh)			0.9							0.5						
Control Delay (s/veh)			13.9							10.1						
Level of Service (LOS)			B							B						
Approach Delay (s/veh)		13.9								1.3						
Approach LOS		B														

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HCS7 Two-Way Stop-Control Report

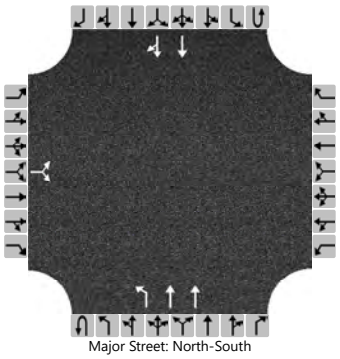
General Information

Analyst	06_DJL
Agency/Co.	Stantec
Date Performed	4/8/2022
Analysis Year	CUPR
Time Analyzed	PM Peak Hour
Intersection Orientation	North-South
Project Description	Del Valle Middle School

Site Information

Intersection	Rose Ave/Stroube St
Jurisdiction	Ventura County
East/West Street	Stroube St
North/South Street	Rose Ave
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: North-South

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority		10	11	12		7	8	9	1U	1	2	3	4U	4	5	6
Number of Lanes		0	1	0		0	0	0	0	1	2	0	0	0	2	0
Configuration			LR							L	T				T	TR
Volume (veh/h)		4		123					0	119	816				770	17
Percent Heavy Vehicles (%)		3		3					3	3						
Proportion Time Blocked																
Percent Grade (%)		0														
Right Turn Channelized																
Median Type | Storage		Undivided														

Critical and Follow-up Headways

Base Critical Headway (sec)		7.5		6.9						4.1						
Critical Headway (sec)		6.86		6.96						4.16						
Base Follow-Up Headway (sec)		3.5		3.3						2.2						
Follow-Up Headway (sec)		3.53		3.33						2.23						

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)			127							119						
Capacity, c (veh/h)			526							822						
v/c Ratio			0.24							0.14						
95% Queue Length, Q_{95} (veh)			1.0							0.5						
Control Delay (s/veh)			14.0							10.1						
Level of Service (LOS)			B							B						
Approach Delay (s/veh)		14.0								1.3						
Approach LOS		B														

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INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 7
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Ventura Blvd/Auto Cntr Dr (Split Phased)
SCENARIO: Cumulative Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	116	758	434	145	939	43	46	63	142	212	37	93
Project Trips	0	51	0	0	37	3	3	0	0	0	0	0
GEOMETRY	L	TT	RR	L	T TR		L	T	R	LL	LT	R

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	116	116	0.07 *	0.07 *
NBT	2.0	3,200	758	809	0.24	0.25
NBR	2.0 (a)	3,200	434	434	0.27	0.27
SBL	1.0	1,600	145	145	0.09	0.09
SBT	2.0	3,200	939	976	0.31 *	0.32 *
SBR	0.0	0	43	46	0.00	0.00
EBL	1.0	1,600	46	49	0.03	0.03
EBT	1.0	1,600	63	63	0.04	0.04
EBR	1.0	1,600	142	142	0.09 *	0.09 *
WBL	0.0	0	212	212	0.00	0.00
WBT	3.0	4,800	37	37	0.05 *	0.05 *
WBR	1.0	1,600	93	93	0.06	0.06
N/S Critical Movements					0.38	0.39
E/W Critical Movements					0.14	0.14
Clearance Interval					0.00	0.00
ICU					0.52	0.53
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

(a) NB RT not critical due to RT overlap arrow w/WB LT

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 7
NORTH/SOUTH STREET: Rose Ave
EAST/WEST STREET: Ventura Blvd/Auto Cntr Dr (Split Phased)
SCENARIO: Cumulative Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	193	736	552	152	717	20	11	92	179	705	143	183
Project Trips	0	9	0	0	12	1	1	0	0	0	0	0
GEOMETRY	L	TT	RR	L	T TR		L	T	R	LL	LT	R

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	1.0	1,600	193	193	0.12 *	0.12 *
NBT	2.0	3,200	736	745	0.23	0.23
NBR	2.0 (a)	3,200	552	552	0.35	0.35
SBL	1.0	1,600	152	152	0.10	0.10
SBT	2.0	3,200	717	729	0.23 *	0.23 *
SBR	0.0	0	20	21	0.00	0.00
EBL	1.0	1,600	11	12	0.01	0.01
EBT	1.0	1,600	92	92	0.06	0.06
EBR	1.0	1,600	179	179	0.11 *	0.11 *
WBL	0.0	0	705	705	0.00	0.00
WBT	3.0	4,800	143	143	0.18 *	0.18 *
WBR	1.0	1,600	183	183	0.11	0.11
N/S Critical Movements					0.35	0.35
E/W Critical Movements					0.29	0.29
Clearance Interval					0.00	0.00
ICU					0.64	0.64
Level of Service (LOS)					B	B

Notes: V/C - Volume to Capacity Ratio

(a) NB RT not critical due to RT overlap arrow w/WB LT

HCS7 Two-Way Stop-Control Report

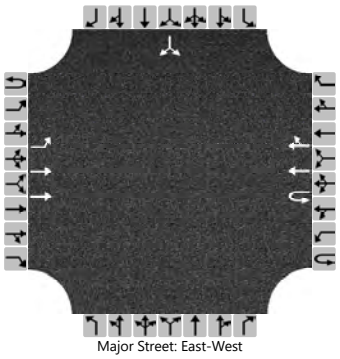
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	Cumu
Time Analyzed	AM Peak Hour
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		0	1	0
Configuration		L	T		U		T	TR							LR	
Volume (veh/h)	0	44	396		19		269	84						28		9
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		44			19										37	
Capacity, c (veh/h)		1195			801										442	
v/c Ratio		0.04			0.02										0.08	
95% Queue Length, Q_{95} (veh)		0.1			0.1										0.3	
Control Delay (s/veh)		8.1			9.6										13.9	
Level of Service (LOS)		A			A										B	
Approach Delay (s/veh)	0.8				0.5								13.9			
Approach LOS													B			

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HCS7 Two-Way Stop-Control Report

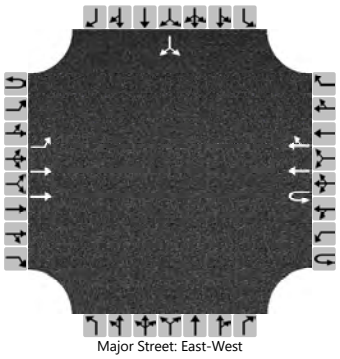
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	CUPR
Time Analyzed	AM Peak Hour
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		0	1	0
Configuration		L	T		U		T	TR							LR	
Volume (veh/h)	0	44	396		19		269	114						46		9
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		44			19										55	
Capacity, c (veh/h)		1165			801										412	
v/c Ratio		0.04			0.02										0.13	
95% Queue Length, Q_{95} (veh)		0.1			0.1										0.5	
Control Delay (s/veh)		8.2			9.6										15.1	
Level of Service (LOS)		A			A										C	
Approach Delay (s/veh)	0.8				0.5								15.1			
Approach LOS													C			

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HCS7 Two-Way Stop-Control Report

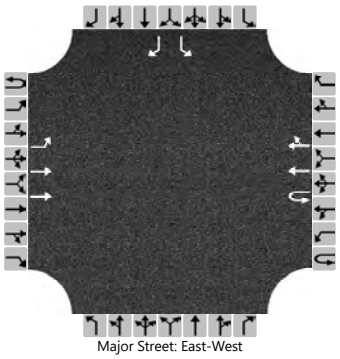
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	CUPR
Time Analyzed	AM Peak Hour - Mitigated
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes



Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		1	0	1
Configuration		L	T		U		T	TR						L		R
Volume (veh/h)	0	44	396		19		269	114						46		9
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized													No			
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		44			19									46		9
Capacity, c (veh/h)		1165			801									375		815
v/c Ratio		0.04			0.02									0.12		0.01
95% Queue Length, Q_{95} (veh)		0.1			0.1									0.4		0.0
Control Delay (s/veh)		8.2			9.6									15.9		9.5
Level of Service (LOS)		A			A									C		A
Approach Delay (s/veh)	0.8				0.5								14.9			
Approach LOS													B			

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HCS7 Two-Way Stop-Control Report

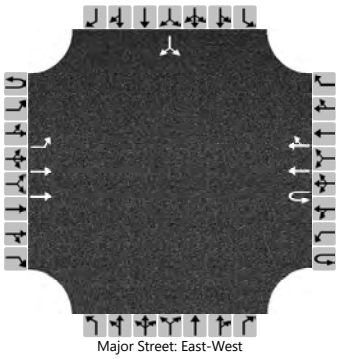
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	CUMU
Time Analyzed	PM Peak Hour
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes


Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		0	1	0
Configuration		L	T		U		T	TR							LR	
Volume (veh/h)	0	65	531		27		660	127						43		24
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		65			27										67	
Capacity, c (veh/h)		822			657										220	
v/c Ratio		0.08			0.04										0.31	
95% Queue Length, Q_{95} (veh)		0.3			0.1										1.3	
Control Delay (s/veh)		9.8			10.7										28.5	
Level of Service (LOS)		A			B										D	
Approach Delay (s/veh)	1.1				0.4								28.5			
Approach LOS													D			

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HCS7 Two-Way Stop-Control Report

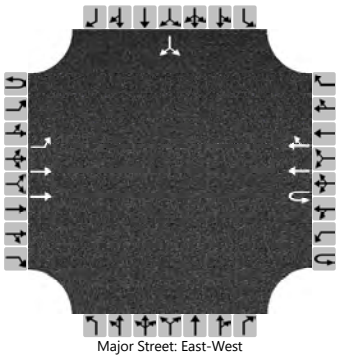
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	CUPR
Time Analyzed	PM Peak Hour
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes


Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		0	1	0
Configuration		L	T		U		T	TR							LR	
Volume (veh/h)	0	65	531		27		660	133						52		24
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized																
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		65			27										76	
Capacity, c (veh/h)		817			657										210	
v/c Ratio		0.08			0.04										0.36	
95% Queue Length, Q_{95} (veh)		0.3			0.1										1.7	
Control Delay (s/veh)		9.8			10.7										31.8	
Level of Service (LOS)		A			B										D	
Approach Delay (s/veh)	1.1				0.4								31.8			
Approach LOS													D			

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HCS7 Two-Way Stop-Control Report

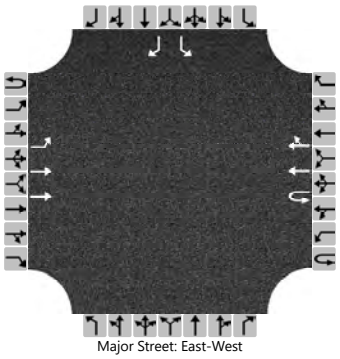
General Information

Analyst	08_DJL
Agency/Co.	Stantec
Date Performed	4/11/2022
Analysis Year	CUPR
Time Analyzed	PM Peak Hour - Mitigated
Intersection Orientation	East-West
Project Description	Del Valle MS

Site Information

Intersection	Auto Center Dr/Collins St
Jurisdiction	Oxnard
East/West Street	Auro Center DR
North/South Street	Collins St
Peak Hour Factor	1.00
Analysis Time Period (hrs)	1.00

Lanes


Major Street: East-West

Vehicle Volumes and Adjustments

Approach	Eastbound				Westbound				Northbound				Southbound			
Movement	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
Priority	1U	1	2	3	4U	4	5	6		7	8	9		10	11	12
Number of Lanes	0	1	2	0	1	0	2	0		0	0	0		1	0	1
Configuration		L	T		U		T	TR						L		R
Volume (veh/h)	0	65	531		27		660	133						52		24
Percent Heavy Vehicles (%)	3	3			3									3		3
Proportion Time Blocked																
Percent Grade (%)													0			
Right Turn Channelized													No			
Median Type | Storage	Undivided															

Critical and Follow-up Headways

Base Critical Headway (sec)		4.1			6.4									7.5		6.9
Critical Headway (sec)		4.16			6.46									6.86		6.96
Base Follow-Up Headway (sec)		2.2			2.5									3.5		3.3
Follow-Up Headway (sec)		2.23			2.53									3.53		3.33

Delay, Queue Length, and Level of Service

Flow Rate, v (veh/h)		65			27									52		24
Capacity, c (veh/h)		817			657									161		600
v/c Ratio		0.08			0.04									0.32		0.04
95% Queue Length, Q_{95} (veh)		0.3			0.1									1.4		0.1
Control Delay (s/veh)		9.8			10.7									37.8		11.2
Level of Service (LOS)		A			B									E		B
Approach Delay (s/veh)	1.1				0.4								29.4			
Approach LOS													D			

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INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 9
NORTH/SOUTH STREET: Santa Clara Ave
EAST/WEST STREET: Ventura Blvd
SCENARIO: Cumulative Conditions
TIME PERIOD: AM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
AM Peak	0	603	105	30	652	0	0	0	0	177	0	29
Project Trips	0	2	5	0	2	0	0	0	0	7	0	0
GEOMETRY		TT	R	L	TTT					L		R

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	0.0	0	0	0	0.00	0.00
NBT	2.0	3,200	603	605	0.19 *	0.19 *
NBR	1.0	1,600	105	110	0.07	0.07
SBL	1.0	1,600	30	30	0.02 *	0.02 *
SBT	3.0	4,800	652	654	0.14	0.14
SBR	0.0	0	0	0	0.00	0.00
EBL	0.0	0	0	0	0.00	0.00
EBT	0.0	0	0	0	0.00 *	0.00 *
EBR	0.0	0	0	0	0.00	0.00
WBL	1.0	1,600	177	184	0.11 *	0.12 *
WBT	0.0	0	0	0	0.00	0.00
WBR	1.0	1,600	29	29	0.02	0.02
N/S Critical Movements					0.21	0.21
E/W Critical Movements					0.11	0.12
Clearance Interval					0.00	0.00
ICU					0.32	0.33
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

INTERSECTION CAPACITY UTILIZATION

INTERSECTION NUMBER: 9
NORTH/SOUTH STREET: Santa Clara Ave
EAST/WEST STREET: Ventura Blvd
SCENARIO: Cumulative Conditions
TIME PERIOD: PM Peak Hour
COUNT DATE: 3/1/22
WORK ORDER #: 2042625101

VOLUMES	Northbound			Southbound			Eastbound			Westbound		
	L	T	R	L	T	R	L	T	R	L	T	R
PM Peak	0	643	166	32	719	0	0	0	0	193	0	52
Project Trips	0	0	2	0	0	0	0	0	0	2	0	0
GEOMETRY		TT	R	L	TTT					L		R

	Level of Service Calculations					
Move-	**Lanes**		**Volume**		**V/C Ratio**	
ment	Lane	Capacity	Existing	Project	Existing	Ex□Project
NBL	0.0	0	0	0	0.00	0.00
NBT	2.0	3,200	643	643	0.20 *	0.20 *
NBR	1.0	1,600	166	168	0.10	0.11
SBL	1.0	1,600	32	32	0.02 *	0.02 *
SBT	3.0	4,800	719	719	0.15	0.15
SBR	0.0	0	0	0	0.00	0.00
EBL	0.0	0	0	0	0.00	0.00
EBT	0.0	0	0	0	0.00 *	0.00 *
EBR	0.0	0	0	0	0.00	0.00
WBL	1.0	1,600	193	195	0.12 *	0.12 *
WBT	0.0	0	0	0	0.00	0.00
WBR	1.0	1,600	52	52	0.03	0.03
N/S Critical Movements					0.22	0.22
E/W Critical Movements					0.12	0.12
Clearance Interval					0.00	0.00
ICU					0.34	0.34
Level of Service (LOS)					A	A

Notes: V/C - Volume to Capacity Ratio

Stantec

Memo

To:	Gianfranco Laurie Ventura County Public Works Agency, Roads & Transportation Department	From:	Daryl Zerfass and Maria Morris Stantec
File:	2042625101	Date:	April 27, 2022

Reference: Rio Del Valle Middle School Project, Rio School District – Preliminary VMT Analysis

Stantec has prepared a vehicle miles of travel (VMT) analysis for the proposed expansion of the Rio Del Valle Middle School campus (Project) located at 3100 Rose Avenue in unincorporated County of Ventura. The purpose of this memo is to document the findings of a VMT analysis prepared in support of the Project's environmental documentation and complies with the updated California Environmental Quality Act (CEQA) guidelines that incorporate the requirements of Senate Bill 743 (SB 743).

Project Description

The Project expands the existing campus and results in a potential enrollment increase of 250 students over a five-year period commencing at the earliest in the 2024/25 school year. In addition, the School District proposes to transfer the existing school bus parking and workroom facilities (District Transportation and Parking Facility) from the current location on E. Vineyard Avenue at Sycamore Street to the Project site. A conceptual site plan illustrating the proposed Project is attached for reference (**Figure 1**). The Rio Del Valle Middle School campus is part of the Rio School District.

Methodology

The Governor's Office of Planning and Research (OPR) Technical Advisory[1] recommends local agencies adopt guidelines appropriate for their jurisdiction. The County of Ventura has developed the Initial Study Assessment Guidelines[2] (referred to here as County Guidelines) that is consistent with the CEQA requirements and includes analysis methodology and significance thresholds for projects in unincorporated County areas. Since the County Guidelines do not include a screening criteria, guidance from OPR's Technical Advisory and other local agencies are utilized here for the screening process.

First, a screening process is conducted to identify if the Project can be presumed to have a less than significant impact. If the Project does not meet any of the screening criteria, a full VMT analysis is prepared. For purposes of this analysis, the Project is evaluated as a mixed-use consisting of the school portion and the District Transportation and Parking Facility (DTPF) portion. County Guidelines cite OPR's guidance that "suggests applying the threshold of one (or more) of the land uses"[3] for mixed use projects. OPR's Technical Advisory also suggests "a lead agency may consider only the project's dominant use"[4]. In this instance the school portion of the project is the dominant use since the estimated average daily trips generated by the

[1] Technical Advisory on Evaluating Transportation Impacts in CEQA, Governor's Office of Planning and Research, State of California, December 2018.
[2] Ventura County Initial Study Assessment Guidelines, https://s29422.pcdn.co/wp-content/uploads/2020/06/VMT-Draft-for-Public-Review-Clean-Version.pdf
[3] Page 2 ibid
[4] Page 31 ibid

school expansion (525 ADT) make up approximately two thirds of the Project's daily trip generation (792 ADT)[5].

Project Screening

OPR's Technical Advisory advises that lead agencies conduct a screening process "to quickly identify when a project should be expected to cause a less than significant impact."[6] As shown in **Table 1**, the screening process considers the project size, low VMT areas, transit availability, affordable housing, and local serving development. If the Project meets one of the criteria, it is presumed to have a less than significant impact.

Table 1 Project Screening Criteria

Category	Criteria/Screening	Threshold	Does Project Meet Screening Criteria?	
			School	DTPF
Small Project	Small projects are presumed to have a less than significant impact	If the Project generates less than 110 net trips per day	No	Yes
Map-based screening	Projects that located in areas with low VMT are presumed to have a less than significant impact	If the Project is in a low VMT area, defined as 15% below the regional average.	No	No
Proximity to transit	Projects in a transit priority area are presumed to have a less than significant impact	If the Project is within ½ mile of a major or high-quality transit stop/corridor	No	No
Affordable residential development	Affordable housing in infill locations are presumed to have a less than significant impact	If the Project is comprised 100% of affordable units	N/A	N/A
Locally serving retail and other local serving uses	Retail projects that are local serving are presumed to have a less than significant impact Other local serving uses approved by the local agency.	Retail that is less than 50,000 square feet Uses approved by local agencies such as a public school.	Yes	Yes

As shown in **Table 1**, the Project meets the locally serving use criteria. The following is a qualitative assessment on how the Project meets the criteria of a local serving use and meets the intent and goals of SB 743.

Local agencies may elect to classify certain uses as local serving if the use is expected to draw users from a relatively small geographic area, leading to short-distance trips, and trips that are linked to other destinations. A neighborhood school primarily draws students from a relatively small geographic area in the vicinity of the school site, which results in short-distance trips. The furthest distance to the school within the attendance boundary is approximately three miles[7] (See attendance boundaries in **Figure 2**). If enrollment at the Rio Del Valle Middle School is at capacity, a student may need to attend the Rio Vista Middle School, which is approximately 1.3 miles from the Project site and 4 to 5 miles from the furthest point of the attendance boundary. Driving to a further school can result in a longer trip length of one to two miles and an increase in VMT. Other agencies in California, such as the County of Sacramento, County of San Diego, City of Irvine,

[5] 250 students = 525 ADT; DTPF = 267 ADT; Source: Rio Del Valle Middle School Project Traffic Impact Study
[6] Page 12 ibid.
[7] Measured from Kohala Street/Camino Del Sol intersection to Rio Del Valle Middle School

and City of Pomona have adopted a public school use as a local serving use as it meets the intent of SB 743. Therefore, based on the locally serving use screening criteria, the VMT generated by the school expansion is less than significant.

The DTPF portion makes up only a third of the Project's trip generation, is not the dominant use, and it meets the small project screening criteria since the facility is being relocated and would have less than 110 net new daily trips. In addition, the DTPF is relocating only a short distance from its current site at the E. Vineyard Avenue at Sycamore Street intersection to the Project site (approximately 1.25 miles), resulting in a nominal change in VMT overall. Importantly, school buses result in an overall reduction in VMT citywide by reducing private vehicle use. Therefore, based on the small project screening criteria and the locally serving use screening criteria, the DTPF portion of the project is less than significant.

Based on the analysis provided above, the Project would have a less than significant impact at the project level.

Cumulative Impact Analysis

Per the OPR Technical Advisory, "a finding of a less-than-significant project impact would imply a less than significant cumulative impact, and vice versa"[8]. Therefore, since the Project has a less than significant impact at the project level, the Project has less than significant cumulative impact.

Consistency with the Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)

The purpose of the RTP/SCS is to evaluate regional land use patterns and transportation systems to achieve the State's target GHG emissions reduction goals. Ventura County is within the SCAG region and the Project's consistency with the SCAG 2020-2045 RTP/SCS, also known as Connect SoCal, is required. The Project's land uses are consistent with the County's General Plan, specifically with the El Rio/Del Norte Area Plan that designates the site as Institutional and Agricultural, which allows for the proposed uses. Therefore, since the Project is consistent with the County's General Plan, the Project would be consistent with the RTP/SCS.

Active Transportation and Transit

There are existing Class II bike lanes on Rose Avenue and Auto Center Drive. The Project will not block, remove, or restrict existing or future pedestrian and bicycle facilities.

The Project site is accessible by bus transit. There are approximately 9 bus stops around the Project site, serviced by Gold Coast Transit, public transit services in Western Ventura County. The stops provide service to routes 15 (Esplanade – El Rio – St. John's Medical Center) 18G (School Trippers – Local Community and Area High Schools), and 17 (Esplanade – St. John's – Oxnard College). The Project will not block, remove, or restrict existing transit.

[8] Technical Advisory on Evaluating Transportation Impacts in CEQA, page 6, Governor's Office of Planning and Research, State of California, December 2018.

Reference: **Rio Del Valle Middle School Project, Rio School District – Preliminary VMT Analysis**

Conclusion

A VMT analysis was conducted for the Project. The school portion of the Project is the dominant use and meets the locally serving screening criteria; therefore, the Project is presumed to have a less than significant impact at the project level. Furthermore, the DTPF portion of the project would also be less than significant on a stand-alone basis based on both the small project screening criteria and the locally serving screening criteria. Since the Project would have a less than significant impact at the project level, the Project would have a less than significant impact at the cumulative level per OPR's Technical Advisory. The Project was also determined to be consistent with regional plans and to not impact active transportation or transit use.

Sincerely,

Stantec Consulting Services Inc.

Maria Morris AICP, PTP
Senior Transportation Planner
Phone: 949 923 6072
Maria.Morris@stantec.com

Daryl Zerfass PE, PTP
Principal, Transportation Planning & Traffic Engineering
Phone: 949 302 8995
Daryl.Zerfass@stantec.com

Attachment: Figure 1 Conceptual Site Plan
Figure 2 School Attendance Boundary
Examples of Local Agencies Adopting Public Schools as Local Serving

c.

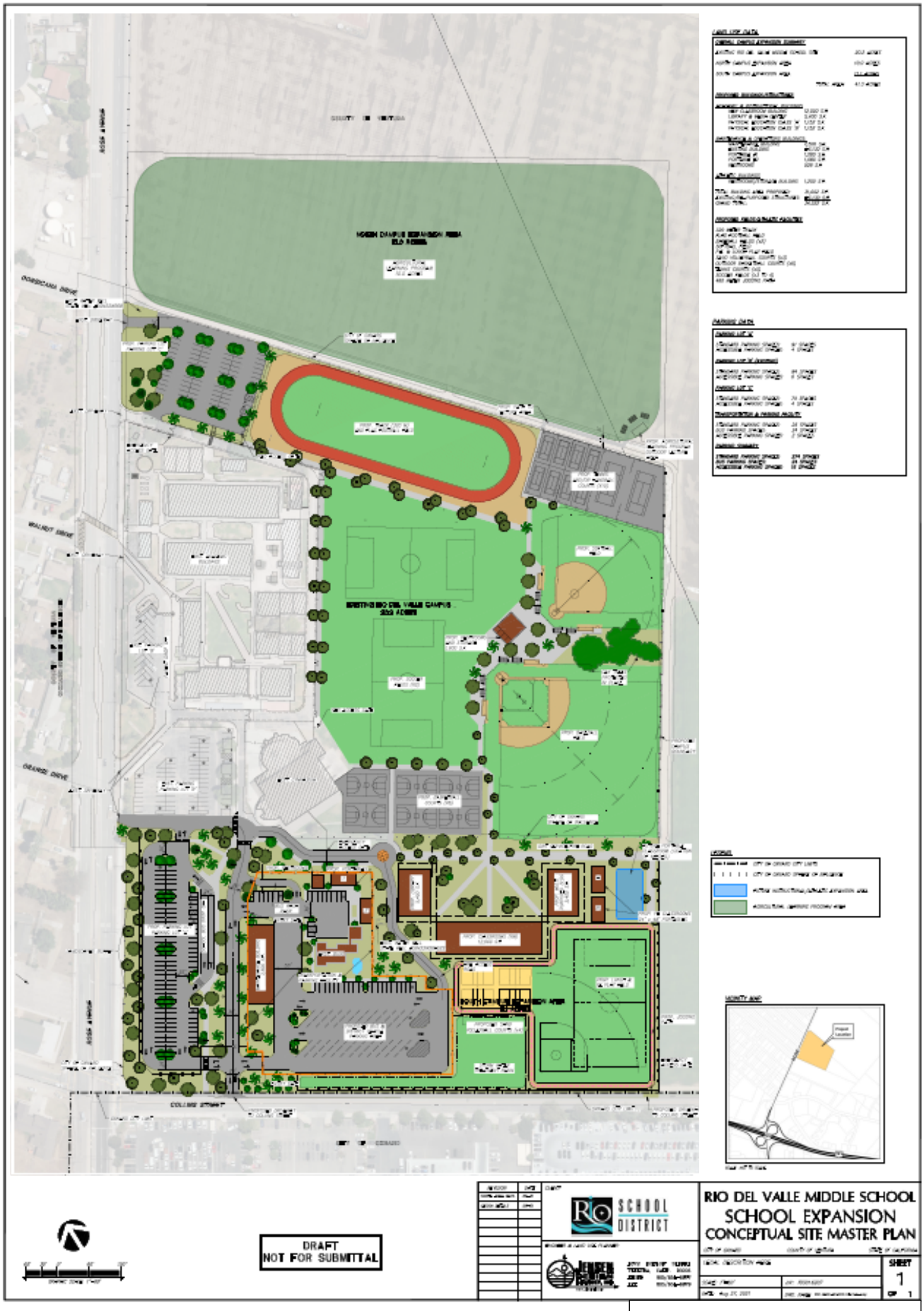


Figure 1: Conceptual Site Plan

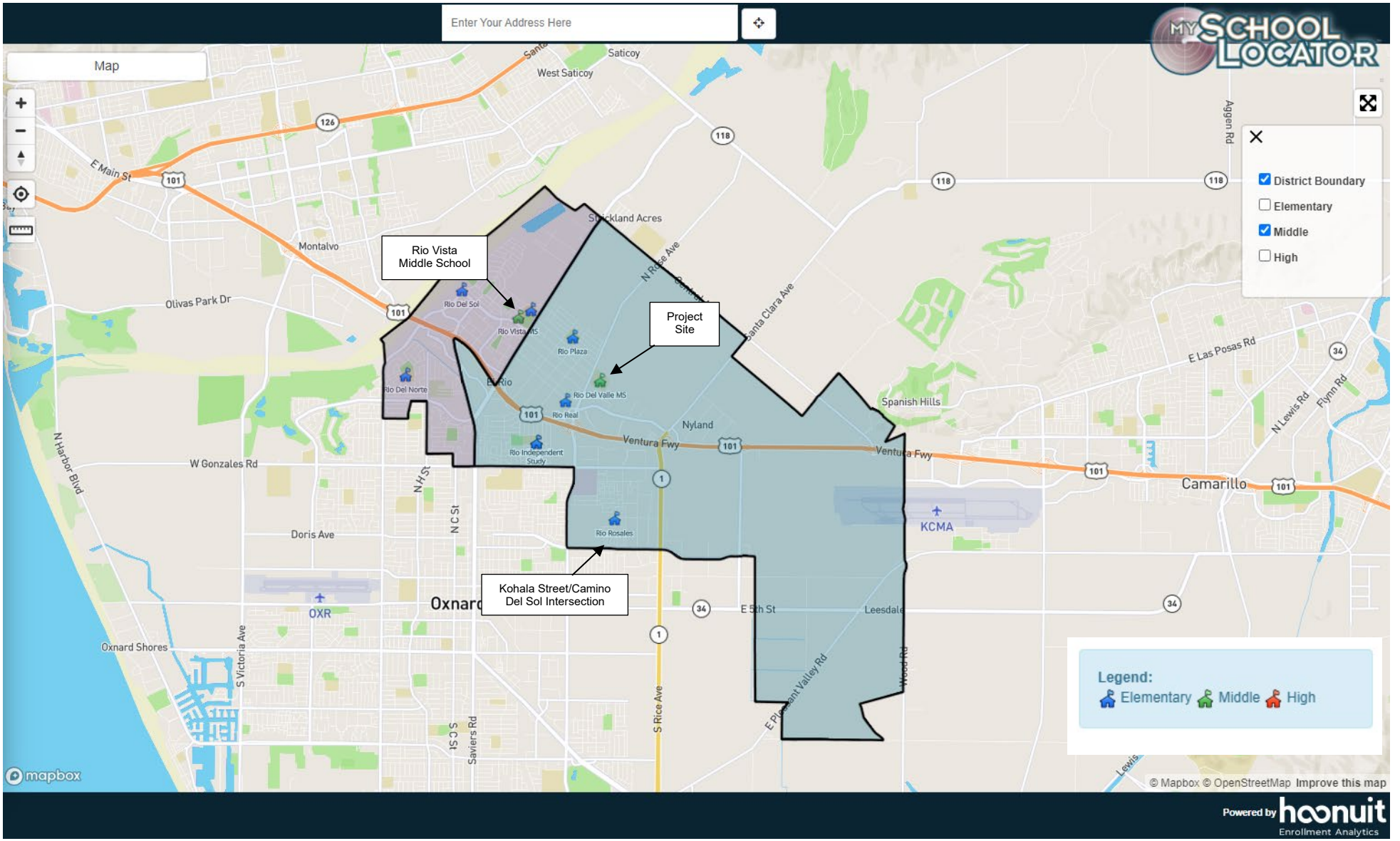


Figure 2: Rio School District Attendance Boundary for Middle Schools